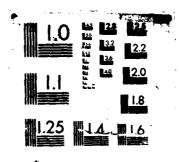
OIIS ANGE MACCACHUCETTS REVISED UNIFORM SUMMARY)F CURFACE HEATHER OBSERV. BUY ATR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A. 12 JUN 37 USAFITAD DOSS 040 1:4 40-4133 452 ΝĹ :::FIED 9



MICROCOPY RESOLUTION TEST CHART

USMA 125060

USAFETAC 105-87/040

OPERATING LOCATION - A

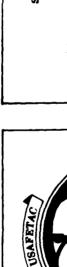
USAFETAC

Air Weather Service (MAC)

AWS TECHNICAL LIBRARY
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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

MSC #725060 ELEV 131 FT FMHA W 070 31 OTIS ANGB MA N 41 39

HOURS SUMMARIZED: 0000 - 2300 LST PARTS A - F

- DEC 86 PERIOD OF RECORD: HOURLY OBSERVATIONS: JAN 77

SUMMARY OF DAY DATA: OCT

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TIME CONVERSION GMT TO LST

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FEDERAL BUILDING

ASHEVILLE, N.C. 28801 - 2723

090 53 87

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-87/040, Otis ANGB MA RUSSWO Jun 1987, is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

FOR THE COMMANDER

ALTER S. BURGMANN

Scientific and Technical Information Program Manager

REPORT DOCUMENTATION PAGE

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- Distribution/Availability of Report: Approved for public release; Distribution 3. unlimited.
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- Name of Performing Organization: USAFETAC/OL-A 6a.
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- Address: Federal Building, Asheville, NC 28801-2723. 6c.
- 11 Title: (RUSSWO) Otis AANGB MA,
- 12 Personal Author(s):
- Type of Report: Data Summary
- Time Covered: Oct 42-Apr 44, Nov 48-Dec 86.
- Date of Report: Jun 87 14
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- 17 COSATI Codes: Field--04, Group--02
- Subject -Terms: *Climatology; *weather; > meteorological conditions; winds; precipitation; temperature; **Vsibility; barometric pressure; relative humidity; sky cover; psychrometric data; *eeiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); Otis ANGB MA; Falmouth MA; Massachusetts; USMA725060.
- 19 Abstract: A six-part statistical data summary of surface weather observations for Otis ANGB MA. Summary consists of: PART A; Weather & Conditions and Atmospheric. Thenomena; PART B) Precipitation; PART C) Surface Winds; PART D) Ceiling and Visibility; PART E) Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use. Commiss Air Nameral Sun a Fest
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- 22ъ
- Telephone: (618)256-2625 Office Symbol: USAFETAC/LDD 22c

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STATION NAME: OIIS ANGB MA

STATION NUMBER: 725060

PERIOD OF RECORD:

HOURLY OBSERVATIONS: JAN 77 - DEC 86

SUMMARY OF DAY DAIA: OCT 42 - APR 44, NOV 48 - DEC 86

TIME CONVERSION GMT TO LST:

DATE PRODUCED: 12 JUN 1987

CALL ID: KFMH

HOURS SUMMARIZED: 0000-2300 LST
Accessor For

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5	CRAZI	143	pate :	:		1.61	1	
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OL-A/USAFETAC/MAC/AWS ASHEVILLE NC 28831

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY HOURLY OBSERVATIONS:

Y OF DAY DATA (DAILY OBSERVATIONS); DATA COMPILED FROM ALL AVAILABLE OBSERVATIONS WHICH INCLUDES HOURLY Observations and daily data recorded in columns 66-73, ams forms 10/10a.

SUMMARY INCLUDING THE PRECEEDING EACH PART OF THE RUSSNO IS A BRIEF DISCUSSION OF THE PTION OF SUMMARIES: PREMANNER OF PRESENTATION. DESCRIPTION OF

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: GOGO-G2GO, G3GO-G5GO, O6GO-G8GO, O9GC-11GO, 12GO-14GO, 15GG-17GO, 18GG-2GGO, 21GG-23GO LST.

DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO). ⋖ FOR

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PART A: WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

PART B: PRECIPITATION, SNOWFALL, AND SNOW DEPTH SUMMARIES

PART C: SURFACE WIND SUMMARIES

PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

C NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER. THE WEND NUMBER. THE WOOD SIGNATED WMO NUMBER. THE WOOD NUMBER. THE WOOD SIGNATED WMO NUMBER. A S-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS GAISAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE. AWSMSC NUMBER:

					1					
**************************************	725068 / 725060 OTIS A	STATION WANE OTIS AFB MA/FALMOUTH		N 41 39		W 070 31	132	TIS CALL BIGGS		e colores es
147	<i>h</i> o	STATION LOCATION	N A	ND IN	STRU	MENT	AND INSTRUMENTATION HISTORY	HIST(JRY	
MUNBER Of		GEOGRAPHICAL LOCATION & NAME	3414	AT THIS LOCATION	CATION	LATITUDE	LONGITURE	BOLVASTS	ELEVATION ABOVE INSL	žž
LOCATION			STATION	F00	2			FIELD (FT) NT. BARD.	E E	Î
32 17	Otis Flo	Otis Fld, Massachuaetts Otis AFB, Massachusetts/Falmouth Same	AAF AFB Same	Oct 42 Nov 48 Jun 53	Apr 44 May 53 Feb 63	N 41 39 Same Same	W 070 32 Same Same	125 Same 126	117	77 77 78
4 10	Same		Same Same	Mar 63 Mar 64	Feb 64 Dec 70	Same	Same W 070 31	132 Same	138 Same	57 54
9	Same	Same Neactivated 31 May 74	Same	Jan 71	May 74	Same	Same	Ѕаше	Same	77
	Otis To	Otis Tower, MA/Falmouth	LAWRS	Jun 74	Dec 76	Ѕаше	Same	131	Same	24
	Same		LAWRS	Jan 77	Dec 96	Ѕаше	Ѕаше	132	Same	54
	* MSC No	MSC No Chg 1 Aug 85								
MUNDER	DATE	SURFACE WIND EQUIPMENT INFORMATION	COULPRENT 19	FORMATION						
LOCATION		LOCATION		TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS. ADD	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANG	ENT. OR REASO	M FOR CHANG
7	Oct 42	Located SW section of base opera-	opera-	Anemometer	ter None	e 55 ft				
2	Jan 43	Located in N half of base operations	operati	ons Same	None	Same				
~	Jul 43	bldg. Located in bldg T-3111.		Same		Same				
7	Nov 48	Located on top of radar storm	orm	Selsyn	ML204B	65 ft				
2	Mar 54	Same		AN/GMQ-1		76 ft				
9 -	Mar 58	Same 1000 ft N of control	7	Same	Same RO-2	85 ft				
	C Company	tower in area of Tetrahedron.	on.			· ·				
8	23 Mar59	Located 1/2 mile from intersection of rnwys 75 ft on S side.	ection	Same	Ѕаше	Ѕаше				
USAFETAC	ETAC FORM		S OF THIS	FORM ARE OBS	OLETE.		CONTINUED ON REVERSE SIDE	VERSE SIDE		
										_

ft		
9 ft		10
-	3+20 Same RO-362	Same)-362 same
	<u> </u>	
Rnwy 14-400 ft from the end,	•	
100000000000000000000000000000000000000	ft from the centerline. Rnwy 23-1400 ft from th ft from the centerline. Same Same Same Same Same	ft from the centerline. Rnwy 23-1400 ft from the end, ft from the centerline. Same Same Same Same Same Same Rnwy 05-900 ft from the end, ft from the centerline. Rnwy 14-1700 ft from the end, ft from the centerline. Rnwy 13-1500 ft from the end, ft from centerline. Rnwy 32-850 ft from the end, ft from centerline.
From the	from the from the from the	ft from the Rnwy 23-14C ft from the Same Same Same Same Same Rnwy 05-90C ft from the ft from the ft from the Rnwy 14-17C ft from the Rnwy 13-15C ft from cen
_	.8	
		69 500 69 11. 70 13. 70 13. 500 500 500 500 500

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WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

- A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
- 2. DATA BASED ON HOURLY OBSERVATIONS.
- SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ATMOSPHERIC PHENOMENA SUMMARY

- OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS A PERCENTAGE FRE OUENCY
- 2. DATA BASED ON SUMMARY OF DAY DATA.
- . SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMPINED.

DEFINITIONS:

ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS. THUNDERSTORMS: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING. RAIN AND/OR DRIZZLE: ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE. FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS. AND/OR SLEET (ICE PELLETS). SNOW AND/OR SLEET.

HAIL: ALL REPORTED HAIL.

PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE Of Precipitation may appear in a single observation, the sum of the percentages in the individual columns may EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOC AND SROUND FOG.

ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF SMOKE AND/OR HAZE: BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS). DUST AND/OR SAND:

OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE HORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN. ALL

NOTES:

- ".6" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE A VALUE IN THE TABLES OF
- AMS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA 3BSERVED.
 BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY
 THE HIGHEST ORDER. FOR EXAMPLE, IF THE ORSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL
 APPEAR ON THE AMS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITED LONGLINE. THEREFORE ONLY THE RAIN
 APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.

ULUBAL CLIMATULOUY ERANCH USAFLTAC AIR HLATHEN SEPVICE/MAC

1

PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

a Bawan N	725060	STATI	NAME	-	A A				PERIOD Month:	OF RE	11		
HCURS (LST)			RAIN E 70R URI 22LE	FRZIN RAIN LZOR RIZZL	SNOW E/OR SLEET	HAIL	• r =	• 0		BLOWING SNOW	DUST EZOR SAND	• E V O	TOTAL OBS
	· · · -	•	7.2	E .		• • •	0.7	13.2	1.2		•	14.6	917
3-65	-		9.5		9		16.1	14.7	1.2	2.		15.5	917
3 (4)	_		χ. • c		9		15.3	17.4	1.4	• •		18.3	926
11-5	-			5	ð.		15.9	17.5	3.0	ن .		19.8	930
#1-21		•	6.3	۲۶.	8.3		15.2	15.7	2.4	1.2		18.4	927
1 5-1 7	_		10.1	7.	5.1		15.2	16.3	3.9	• 5		19.4	930
36734	_		, ,		•		14.4	15.1	2 • C	• 5		17.2	930
:1-23	_			~)	6.1		15.0	13.€	7.	7		15.6	626
TOTALS	_	ាំ	¥.	• 5			15.2	15.5	2.1	3.		17.4	7406
TION NUMBER:	725060	STATION	N NAME :	7 15	Y Y				PERIOD MONTH:	OF RECORD: : FEB	-11		
HOURS (LST)		15175	RAIN LZOE LRICZLE	L 0	SNO. E/OR SLEET	HAIL	# OBS WITH PRECIP	FOG	•	23	DUST E/OR SAND	# 085 #/c851 10 VISION	TOTAL OBS
70+37	· ·	•	10.3		0		16.2	18.0	1.7	6		0.07	948
SD-813	_	7.	9.2		1.6		16.7	19.1	2.1	1.2		22.1	846
30-77	_		9.0	• 1	7.0		15.5	20.7	2.0	1.5		23.3	948
, 9-11	_		7.8		7 . 4		14.8	17.6	3.1	1.1		21.3	846
12-14	_		0.4	• 1	7.1		15.8	15.ເ	4 • 3	1.1		19.3	948
15-17	-		10.	*	5.2		15.6	16.5	3.2	<i>3</i>		19.5	946
19-20		7.	11.	• 5	5.7		16.8	18.€	3.7	1.1		11.3	846
21-23		5.	6.6		9•6		15•ប	16.1	3.1	1.2		18.7	948
TCTALS	-	7	5.6		6.5	•	15.6	17.6	2.9	1.1		1.01	6768

GLUGAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICL/MAC

1

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

RAIN FRZIG SNOW \$ 085 SMOKE DUST \$ 085 TSTRS £/OR RAIN £/OR HAIL WITH FOG £/OR BLOWING £/OR W/CBST TOTAL URIZZLE £/OR SLEET PRECIP HAZE SNOW SAND TO 085 DRIZZLE 930 930 930 930 626 626 930 7437 22.1 50.9 24.5 9.47 19.4 17.4 17.1 21.5 50.9 PERIOD OF RECORD: 77-86 MONTH: MAR Υ, ₹. 4 ~ • 5 -3.4 1.6 1.8 2.2 1.7 5.9 2.5 21.2 23.3 23.0 17.7 15.2 15.2 19.5 20.02 19.4 16.7 15.9 14.8 13.0 15.3 15.7 16.8 16.7 15.6 3.7 3.8 3.7 3.3 5.9 2.5 3.2 Σ STATION NUMBER: 725060 STATION NAME: OTIS ANUR .5 14.3 .2 15.3 11.9 13.6 13.5 9.8 15.0 ٦. 7 TOTALS | 12-14 00-02 18-20 20-20 06-08 09-11 15-17 21-23 (1.5.7.) HOUPS

	TOTAL OBS	900	006	006	006	006	006	900	006	7200
	0	23.0	26.3	0.47	17.6	15.6	16.6	21.6	23.3	11.0 7
: 77-86	DUST £70R SAND									
PERIOD OF RECORD: 77-86 MONTH: APR	SMOKE E/OR BLOWING HAZE SNOW	.3	٠. س	m •	٣.	• 5	m.	m •	• 3	m •
PERIOD MONTH:	SMOKE 6/0R HAZE	1.4	1.9	2.1	2.6	2.1	2+3	2.6	5.9	2.3
	FoG	21.7	24.8	22.7	15.3	13.3	14.6	19.6	20.9	19.1
	* OPS #ITH PRELIP	10.1	13.4	16.9	16.1	16.2	11.9	14.0	14.2	12.6
	HA IL									
IS ANCE MA	SNOW E/OR SLEET	5.		.,	30 •	٠.	6.	ъ •	.7	\$
OT IS AN		•								
P NAME:	RAIN 6.70R DRI 72LE	15.7	13.3	10.3	9.3	φ. •	11.0	13.3	13.6	12.0
STATION NUMBER: 725060 STATION NAME: NI	HOURS TSTMS & ZOR R (LST) DRIZZLE & DRIZZLE &	.2 15.7					• 1	.1	٠,	•
: 725060		•	1 5	8	1 1	7	7 1	- 0	- 8	
N NUMBER	HOURS (LST)	00-02	03-05	56-08	09-11	12-14	15-17	18-20	:1-23	TOTALS
STATION	•	:								

FERCHAGE FREGUENCY OF CCCURRENCE OF MEATHER CONDITIONS FROM HOUGHLY OBSERVATIONS

CLOSAL CLIMATOLOGY REANCH USAFETAC AIR WEATHER SERVICE/MAC

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	•		RAIN LZOR URIZZLE	FRZING RAIN EAOR DRIZZLE	SNOW EZOR SLECT	HAIL	E E E E E E E E E E E E E E E E E E E) O L	SWOKE G/OR ELOWING HAZE SNOW	DUST 6/0R SAND	# 085 #/C65T 10 vision	TOTAL
70-07			13.3	•	•	•	13.3	32.5	1.5		33.1	936
90-20	_	.1	11.3				11.0	36.6	3 . 1		38.4	930
80-93	_	•2	8.		~		6.6	31.5	8.8		25.3	936
11-67	_	• 1	13.5				10.5	21.1	સ સ		3.4.6	930
51-21		14	9.7				7.4	16.3	5.9		20.3	930
15-17		H	6.6				5° 5	17.8	7.5		:2.3	0 2 6
18-20	_	٠٠.	11.				11.6	75.7	6.1		30.0	936
21-23	-	* *	11.3				11.3	28.5	4.6		30.8	676
TOTALS		₩3 •	10.8		3		30.8	26.2	5.3		n • 6 ?	7439
				• .		•	•	• • • • • • • • •		•	•	•
HCDRS (LST)		Ž.	RAIN E 70R RI 32LE	FR ZING R AIN 6 70 P DRI 22 L E	SNOW EZOR SLEFT	HAIL	068 1H CIP	0	OKE 10R BLO AZE SI	v o z	2 06S W/66ST T0 VISION	A N
	- - - - - - -	Ý	12.4	•	•	· · ·	11.9	31.6	8.2		36.4	006
53-17	~	9.	11.3				11.3	37.4	7.6		40.3	906
6-138	~-	٠.	y • W				ν. •	30.8	7.6		34.7	006
09-11	_	٣.	ė. 1				8.1	21.0	10.6		6.13	006
12-14		.1	0.6				0.5	17.4	15.4		1.67	096
15-17		ಷ್ಟ	8.1				8.1	16.6	16.0		.8.1	976
18-20		<i>∞</i> •	о •				9° 3	22.1	14.7		32.0	006
21-23		٦.	11.1				11.1	21.5	11.3		33.7	006

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS CLUBAL CLIMATOLOGY BRANCH USAFETAC AIR "EATHEN SERVICE/MAC

FROM HOURLY OBSERVATIONS	PERIOD OF RECORD: 77-86 MONTH: JUL
FROM HOURLY FROM HOURLY	STATION NAME: OTIS ANGE MA
	STATION NAME:
USAFETAC USAFETAC AIR MEATHER SERVICE/MAC	STATION NUMBER: 725060

1.0 0.77	HOURS (LST)	T S T & S	RAIN E 70R ERI72LE	FRZING RAIN 6.70R DRIZZLE	SNOW EZOR SLEET	HAIL	• n I H	F06	0 % E 7 0 R A Z E	BLOWING SNOW	DUST E/OR SAND	* 085 W/C85T T0 VISION	101 08
1 1.0	00-02	1.0	6.7	•	•	•		37.6	14.2	•		42.5	930
1 1, 2, 4, 2 4, 2 4, 2 19, 1 18, 3 19, 2 29, 2 29, 2 19, 1 18, 3 19, 2 29, 2 29, 2 29, 2 29, 3 29, 2 29, 3 29, 4 29, 3 29, 4	1 50-13	80	6.3				6.3	44.2	14.2			47.7	930
1	1 80-93	•1	3 3				5 • 4	34.8	19.0			43.1	936
1.0 0.0 0.40 0.10	1 11-60	ญ	4 • 2				£ . 2	19.1	18.3			29.5	936
1.0 0.9 5.3 4.0 22.1 20.7 25.1 25.1 25.1 25.1 25.1 25.1 25.1 25.1 25.1 25.1 25.1 25.1 25.1 25.1 25.2	12-14	ð	7.7				†	13.0	21.2			28.1	930
1.5 0.2 32.7 18.4 41.0 75.1 7.0 7.	15-17	٥.	رد د.				5.3	13.3	22.6			5.63	930
	18-20	۲٠	C • #				0.4	22.1	20.7			35.1	626
1.55660 STATION NAME: OTIS ANGE MA	21-23		0.2				6.2	32.7	18.4			41.0	930
TSFGGG STATION NAME: OTIS ANGR WA	TOTALS	Ď	5 3				ۍ . د .	27.6	18.6			37.0	7439
HOURS TSTPS EAR FRZING SNOW HAIL TITH FOG EVOR BLOWING EVOR WATCHER TO SHOW TO THE LEGIS TSTPS EAR TAIN ELOR SLEET TSTPS EAR TAIN ELOR SLEET TSTPS EAR TAIN ELOR SLEET TSTPS EAR TAIN ELOR SAND TO	•	•	:	:					E NOE	200	•	•	
U3-02 .5 6.5 7.7 12.3 42.4 U3-05 1.1 7.4 42.3 9.5 44.3 U3-05 .3 6.6 15.2 43.2 U3-05 .3 6.8 22.2 20.3 34.8 U3-11 .9 6.2 6.4 17.9 22.1 34.8 U3-17 .9 6.2 6.2 20.0 22.8 23.1 U3-20 1.3 6.8 6.6 23.5 23.6 U3-23 .5 6.6 33.3 16.7 39.4 UALLS .7 0.7 29.5 17.7 38.4	HOURS (LST)	15175	RAIN E70R ERI 72LE	R 21 R A1 E 70 I 22	SNOW E/OR SLEET	наіс	% 03S WITH PRECIP	FOG	E JOR HAZE	BLOWING SNOW	EZOR SAND	# 085 #/0851 10 VISION	10TAL 08S
1.1 7.4 42.3 9.5 44.3 1.3 6.6 36.6 15.2 43.2 1.2 6.8 22.2 20.3 34.8 1.1 6.4 17.9 22.1 32.7 1 .9 6.2 20.6 72.8 33.1 1 1.3 6.8 6.8 25.9 23.6 33.6 1 .5 6.6 33.3 16.7 39.4 7 1 .7 0.7 29.5 17.7 38.4 7	10-C2		6 . 5	•	•	•		37.7	۲,			42.4	930
1 .3 6.66 56.6 15.2 43.2 1 .2 6.8 22.2 20.3 34.8 1 1.1 6.4 17.9 22.1 32.7 1 .9 6.2 20.0 22.8 23.1 1 1.3 6.8 25.9 23.6 23.6 1 .5 6.6 33.3 16.7 29.4 7 1 .7 0.7 29.5 17.7 38.4 7	13-05-1	1.1					7.4	42.3	9.5			44.5	936
1 .2 6.8 22.2 20.3 34.8 1 1.1 6.4 17.9 22.1 32.7 1 .9 6.2 20.0 22.8 33.1 1 1.3 6.8 25.9 23.0 37.6 1 .5 6.6 33.3 16.7 39.4 7 1 .7 0.7 29.5 17.7 38.4 7	1 90-90	٣.	9•9				6 . t	36.6	15.2			43+2	936
1.1	00-11 1	r.					æ • •	22.2	20.3			34.8	930
.9 6.2 20.0 22.8 23.1 1.3 6.8 6.8 55.9 23.0 37.6 .5 6.6 33.3 16.7 29.4 7	12-14 1						9 • 9	17.9	22.1			32.7	626
1 1.3 6.8 55.9 23.6 37.6 1 .5 6.6 33.3 16.7 59.4 7	15-17	٥.					6.2	J • 02	72.8			33.1	936
1 .5 6.6 33.3 16.7 29.4 7	18-20						9 T	55.9	23.6			37.6	930
1 .7 0.7 59.5 17.7	21-23	u) •					9.9	33.3	16.7			4.65	930
	TOTALS	.7	1.0			,	6.7	29.5	17.7			185	7439

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

A IR WEATHER SERVICE/MAC

006 SMOKE DUST # 085 930 TOTAL 900 906 006 006 900 006 306 7200 TOTAL OBS 930 676 930 930 930 # 085 #/CBST 2.8 56.9 16.9 28.7 50.9 4.97 54.6 25.5 11.1 19.7 16.3 11.3 W/OBST VISION 31.2 5.03 15.7 VISION PEPIOD OF PECORD: 77-86 PEPIOD OF RECORD: 77-86 £/OR Sand DUST £/0R Sand DUST SNOW * COBS SMOKE CLOWING CLOR HAIL WITH FOG CLOR BLOWING SLEET PRECIP HAZE SNOW E/OR BLOWING SNOE MONTH: OCT MONTH: SEP 7.7 13.0 10.0 9.8 HAZE 3.0 9. 9.1 7.8 6.7 5.4 9.6 9.9 9•9 26.2 24.0 25.0 27.6 27.7 15.6 11.1 12.9 16.1 22.9 20.4 F06 23.5 15.6 13.3 16.5 7.2 9.7 6.7 % OBS ¥ITH 8.2 7.8 6.7 5.4 . . **6.** 8 9.1 10.3 8.8 10.8 6.1 PRECIP .3 7.2 HAIL •••••••••••••••••• SNOW E/OR SLEET STATION NUMBER: 725060 STATION NAME: OTIS ANGE MA OT IS ANGE MA RAIN FRZING 7.6 RAIN FRZING DRI 22LE DRIZZLE 2 VO R RAIN RAIN £ /0 R DRI 22 LE STATION NAME: 8.2 7.8 6.7 5.4 6.1 6.3 4.9 6.7 R FIN ю Э 9.1 8.8 10.3 10.8 DRI ZZLE £ /0R TSTHS **.** 9 TSTRS (4 7 ~; ~] Ŋ 7 ιì 30-02 STATION NUMBER: 725060 ca-62 HOURS (LST) 30-90 18-20 21-23 HOURS 26-08 63-05 16-11 12-14 15-17 TOTALS 03-05 11-60 12-14 15-17

930 930 7439

55.8 65.5

6.3 4.3 5.1

22.4 54.4

11.7

11.7 16.4 16.0

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18-20 11-23 63.5

20.6

10.0

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TOTALS

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10.4

ULUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TATION NUMBER:	725060		N AME:	4	Ω ¥				••	r S			
HOURS (LST)		1ST MS		FRZING RAIN 8.70 P DRIZZLE	SNOW E/OR SLEET	HAIL	2 OBS WITH PRECIP	F 0 G	SMOKE E/OR HAZE	BLOWING	DUST E/OR SAND	• as a c	TOTAL OBS
20-00		7	12.7		•	:	12.7	20.8	.2	•	•	8 . C Z	006
63-05	-		12.2		m.		12.4	23.4	• 2			23.6	006
80-90			12.5		1.0		13.1	25.8	1.7			26.3	668
09-11	_		12.6		3	7.	13.0	18.9	3.3			20.6	006
12-14	_		12.6		20		13.2	15.9	2.1			17.0	006
15-17			12.0		۳.		12.3	14.3	3.1			16.1	006
18-20			12.6		3	• 1	12.8	16.9	2.4			17.8	006
21-23	_		13.2		•		13.7	19.1	5.			19.2	006
TOTALS	-	0.	12.6		3,	0,	12.9	19.4	1.8			50.3	7199
• • • • • • • • • • • • • • • • • • • •	•			•			•			טבר.		:	• • • • • • • • • • • • • • • • • • • •
HOURS (LST)		TSTMS	AI N 70 R 22 L E	FRZIN RAIN 6/08 DRIZZL	0 0 W	HAIL	088 1H CIP	٥			EZOR SAND	08 10 510	TOTAL 085
20-05			13.1	• · · · · · · · · · · · · · · · · · · ·	6.0		18.0	19.8	1.3	. Μ •		20.5	923
50-20	-		12.3	m •	5.3		17.1	20.2	1.1	٠,		21.0	916
80-90	_		11.3	•	4.7		15.4	18.9	1.2	\$ •		20.0	924
69-11	_		10.1		9 • 4		14.1	17.1	2.2	ac •		18.0	930
12-14	_		11.1		3.9		14.5	17.2	2.4	9		18.7	930
15-17			12.4		4.1		16.2	18.6	2.6	9.		:1.1	936
18-20	_		12.0		3.5		14.9	18.4	2.2	9		19.2	956
21-23	_		12.8		4.7		16.7	19.5	2.1	۴.		20.3	924
TOTALS	-	ပ္	11.9	7.	9•#		15.9	18.7	1.9	S		0.03	7405

PERCENTAGE FREQUENCY OF OCCURNENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC A IR WEATHER SERVICE/MAC

		•								DONIN: ALL	ن د لا			
	HOURS	RAIN TSTMS E/OR DRIZZLE	S	•	FRZING RAIN 6.70R DRIZZLE	SNOW E/OR SLEET	нать	# 065 #ITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING	EZOR SAND	2 085 2/6857 10 VISION	T01AL 085
2 Y T	Y Y	•	ຄ	20		9.9	•	15.2	15.5	2.1	.5		17.4	7400
63		7	~	9.5	.1	6.5		15.8	17.6	2.9	1.1		10.1	6768
MAR	-	7	-	13.0	. 1	3.3		15.6	19.4	2.3	• 5		6.0.3	7437
APR	-	•	~	12.0		20		12.6	19.1	2.3	٣,		11.0	7200
# *	-	٠	٠,	16.3		•		16.8	26.2	5.3			5.6 7	7439
Noc	_	3.	ي ع	1.6				1.6	55.6	11.4		a•	32.8	7200
JUL	_	9.	9	5.3				5 • 3	27.0	18.6			37.0	7439
AUG	-	•	~	6.7				0.1	29.5	17.7			38.4	7439
SEP	-	•2	2	6.1				6.7	20.4				9.47	7200
100	-	•3	~	10.3				10.0	20.6	5.1			23+5	7439
70 V	-	0.	a	12.6		s.	0.	12.9	19.4	1.8			20.3	1199
DFC	•	٠ .	ن	11.9		O • #		15.9	18.7	1.9	5		0.03	7405
	TOTALS	٠,	₩,	7.6		1.9	•	11.4	21.6	6.7	۲,	9		8 76 71

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS JOBAL CLIMATOLOGY ERANCH USAFETAC

		WICEST TOTAL TO OBS VISION	53.5 951	14.3 875	196 2.53	13.3 928		9217	74.5 930	71.6 930	11.3 900	12.2. 2.31	216 6.53	23.5 992	59.8 TIIT4
PERIOD OF RECORD: 48-74, 81-85 MONTH: ALL	•	[]									1				
ÖF RECORD: All	•	BLOWING		5.9	×.×	7 2 *		:					7.	3.1	7
PERIOD OF R MONTH: ALL	SMOKE		24.6	23.1	19.0	19.1	30.5	46.7	54.1	52.8	48.4	11.2	20.5	20.8	31.7
		100	45.3	47.2	6.74	20.6	55.9	. 65. 7	9.69	65.3	56.7	7.67	8.64	46.6	54.2
i .	, 0 R C	WITH PRECIP	55.0	51.5	54.1	55.6	53.6	47.2	45.4	J•##	41.1	42.3	53.2	55.1	50.3
	:	HATL			• 5	~			'n					4	I
H A		C/OR SLEET	33.8	37.9	26.7	6.6			i		:		2.	27.9	11.9
OT IS ANGE		E ZINU RAIN LAOR DRIZZLE	5.6	6.2	2.7						!	•		2.4	:
l.		RAIN L70R DRI 22LE	34.6	6.42	t] • t	4.5.4	53.5	47.2	45.4	0.44	41.1	42.0	8.03	43.2	
STATION	• • • • • • • • • • • • • • • • • • • •	rsr#s o	.5	(3)		3.9	J. 8	9.0	13.51		5. 5	2.5	9.		1. 17
STATION NUMBER: 725060 STATION NAME:			JAN 7.5 34.6	H H	МАН	AP2 J	YAM	JON	301	-		1_1.30	1 1		TOTALS T
ON NUMBE		MONTH	•		3		E .	Ī	, j			0			TOTALS
STATI													! !		

88888888	88888888	88 88	88 38	88888888	88888888	88 88	88 83	888888888	88888888
111111111	TTTTTTTTT	11	11	11	11	11	11	11	11
RRRRRRR	8888	8	&	RRRR	RRRRRRR	8	æ	R	ax ar
RRRRR	RRRRR	88	8	RRRRR	RRRRR	8 8 8	æ	88	8
AAAAA	4444	V V	Ø Ø	¥ ¥	AAAA	8 A A A A	¥ ¥	4 4	A A
AAA	AAAA	V V	¥	AA	AAAAAAAAA	AAAAA	∀	₩ ₩	A A
ddddddd	dddddddd	a	d d	dddc	ddddddd				
ppp	ddda		٥	idddo	3ddd.	a.	•	ФР	_

PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MENTHLY AND ANNUALLY KITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS AITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS 17HE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPIH SUMMARY BECAUSE OF THEIR DOUBIFUL AND LIMITED VALUFI.

ALSU PPOVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".C" IN THESE TABLES INCICATES LESS THAN .OS% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTEU ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

VALUE FOR THAT YEAR AND MONTH AN ASTERISK "*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR TI Derives from an incomplete month (at least one day of the month is missing). WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EQUALS NONE FOR THE MONTH (HUNDREDTHS) .00. EXTREME DAILY PRECIPITATION:

EXTREME DAILY SNOWFALL: ".O"

EXTREME DAILY SNOW DEPTH:

"O" EQUALS NONE FOR THE MONTH (WHOLE INCHES)

EGUALS NONE FOR THE MONTH (TENTHS)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "*" IN THE TABLES INDICATES THAT ONE OR MOPE DAYS WERE MISSING FOR THE MOUTH.

NO OCCURRENCES FOR THE MONTH APE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUBE MEASUREMENTS FROM INCOMPLETE HONTHS.

JEGGAL CLIMATOLOGY PRANCH USAFETAC AIR AFATHFA SERVACEZMAC

1

FERCHAIA E FREGUENCY OF DECURENCE OF PRECIPITATION FERCH SUMMARY OF DAY DATA

PERIOD OF PECCRD: 42-44, 41-74, 81-86 STATION NUMBER: 7250cc STATITY NAME: 0115 A163 MA

			_		1901				1.31	751		10.01	OVER	S DAYS	TOTAL	FONTHLY	TEY AMOUNTS	SIN
HITCH	2 2 2	TRACE	į.	·	 		· ·	1.69.1	- C	20	10.00	20.02	20.00	MEAS	088	E A	GREATEST	T LEAST
747	3 3 	117.7	.,		- 		2	0.	Ci Ci	7				37.7	1023	3.92	60.8	1.0 c
¥. 1	7 7				- - -	1 è • ¿	.,	6.9	8					39.6	9321	4.13	6.57	1.32
5 7	7	117.3	я;	- 7.	4.7		3.	5.2	רא רא	<i>उ</i> र •	·			38.5	10231	4.66	11.56	1.86
¥ D E	3 · // 3	16.3		,	- 11 -	7.3	. 1 - 1	4.0	7.2	- - -				38.3	885	4.37	9.31	.81
¥ 4 .	4	17.5	1.,	e 	 	ب ع ع	7.5		· ·	<i>#</i>				37.0	1 266	3.89	10.52	96.
MA	1 57.6	12.				6.2	 		٠ ر	(1				4.62	1026	3.07	12.65	• 02
701	; ;				- - -	- (c - 3		3.7	2 • 2	ſų.				26.3	961	3.17	54.8	• 03
90 4	1.95 -		in	6.7					# *	.				30.9	961	4.25	12.22	• 6
g. G.	. 50.1	116.	7.1 63	; ;		- , ,	w 1	 - - -		٠,				25.7	1026	3.52	13.74	. 16
F 3 C	. 7 . 4	· · ·			-) u)		ۍ د،	*.				2.6 €.	9611	3.64	10.13	1.11
A ? A		117	.,		 	7.51	4	æ. 9	3	3				41.3	0 4 6	30.3	8.61	1.49
U+2	; ; =	13.	· .		12.3	17.6	5.0	ر د د	3 .	~·				41.7	1051	4.61	8.95	56.

GLUSAL CLIMATOLOGY BRANCH USAFETAC

LXTREME VALUES OF PRECIPITATION IFFOM DAILY GESERVATIONS!

AIR JEATHER SERVICE THAC

........... 2.02 2.02 2.02 3.20 3.20 3.20 2.11 1.61 25.2 MONTHS 42-44, 48-74, 81-86 73 10.17 10.27 10.27 10.27 10.27 10.49 10.49 10.49 10.49 10.49 10.49 10.49 10.49 10.49 10.49 10.49 10.49 10.49 10.40 10.49 10.40 10 > 0 2 RECORD: OCT .89 1.87 3.17 PERIOD OF 2.50 11.12 11.22 2.15 2.15 2.15 11.24 11.24 11.24 11.31 11.3 SEP .90 I.05 2.90 2.03 2.52 AUG HOUR AMOUNTS IN INCHE S-H-1-N-0-H-1.45 .61 2.02 2.02 11.00 12.00 12.00 12.00 13.00 10.00 1.04 .59 .47 .72 1.16 .24 4.85 .57 1.35 1.39 1.39 1.03 2.19 2.19 2.39 2.39 2.39 2.39 • . 7 i 1.81 1.81 1.38 1.13 2.15 OT IS ANGE MA : 1.07 *3.50 9 d STATION NAME: 1.56 AC CUIT COULT COUL FL STATION NUMBER: 725050 YE AR

* (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE

GLUBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER STRVICE/PHAC

EXTREME VALUES OF PRECIPITATION (FRCM CAILY OBSERVATIONS)

STATION NUMBER: 725060 STATION NAME: OTIS ANGE MA

PERIOD OF RECORD: 42-44, 48-74, 81-86

•						:	このことにしていることに						
YEAR 1	NAU.	अ अ • :	K A A	ii d v	ΑA	NOO	Jur	AUG	SEP	00.1	> 0N	LEC	MONIHS
_ TE	•	•	•			•	•		•	• • • •	•	*1.26	•
1 ZE	1.12	50.	83 m	1 .CE	1.37	1.25	.83	1.00	1:73		1.22	1:19	1:75
83	.75	1.34	1.09	2.78	1.38	1.15	25.	2.12	18.		2.02	1.35	2.78
0.0	08.	1.25	50.2	19.1	2.06	5.37	1.65	22.	.36	10.1	\$5.	26.	
- 68 -	. 54	19.	2.15	.36	1.21	. 78	69.	3.37	.42		1.29	. 34	3.37
R6 +	I.54	•73	1.62	£ 3°	.93	1.35	3.14	1.83	. 18.	-	1:37	29.2	3.14
MEAN	1.076	1.076 1.302 1.46	I. rub	1.557	1.395	I.126	1.274	•	1.728	1-444	1.493	1.273	3.1
5.0.	.523	101.	. 853	• 819	.802	1.002	ħ06°	. 985	1.629	.760	949.	.704	1.316
TOTAL UBS	1023	256	57.1	# 8K	266	930	196	196	930	196	946	1631	11698

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE THAC

MONTHLY PRECIPITATION IFROM DAILY DESERVATIONS!

STATION NUMBER: 725060 STATION NAME: OF IS ANGB MA

PERTOD OF RECORD: 42-44, 48-74, BI-86

YEAF JAN FED MAR APP MAY JUN JUL AUG 42 4.3 2.14 4.19 3.7C 4.21 1.36 4.24 3.77 44 3.33 2.36 4.67 4.4 4.6 3.7C 4.21 1.36 4.24 3.77 49 3.34 2.35 3.54 3.76 .C2 1.07 1.59 50 3.58 2.56 3.84 1.21 1.73 4.93 52 5.26 3.84 1.58 1.58 4.93 53 7.77 4.65 7.45 5.86 2.58 1.51 4.85 54 4.88 3.61 3.26 3.58 1.58 1.63 4.85 55 1.00 4.16 4.16 4.16 4.16 1.22 1.85 5.14 1.22 56 1.00 4.16 4.16 3.96 2.26 2.27 5.91 4.15 4.15	M MARAMAN PSESSON	3.64 1.63 2.63 2.63 1.11 5.56 2.04 4.38 4.38 5.56 5.56 5.56 5.56 5.56 6.11 2.31	2.63 2.53 2.63 2.73 2.63 2.63 3.46 2.60 7.34 4.40 5.26 3.99 7.31 5.24 5.26 3.99 7.31 5.24 5.26 3.99 7.31 5.24 5.26 3.99 7.31 6.15
4.13 2.14 4.19 3.70 4.21 1.36 4.24 3.33 2.39 4.67 44.85 3.76 .C2 1.07 3.58 4.37 4.25 4.36 3.76 .C2 1.07 2.78 3.30 3.58 2.30 3.59 1.74 2.49 2.78 3.30 3.58 2.30 3.59 1.78 1.74 4.88 3.61 3.26 3.58 1.58 1.78 1.78 1.00 4.16 4.15 4.45 5.99 1.81 1.87 2.14 1 4.51 4.51 4.45 5.86 2.53 3.42 2.29 1.83 1.83 4.51 4.51 4.45 4.45 4.45 2.14 1.75 1.76 4.51 4.48 3.96 2.62 5.61 4.08 4.08 4.08 4.08 4.08 4.08 4.08 4.08 4.08 4.08 4.08 5.62 5.62 5.61 4.08 5.62 5.62 5.62 5.63 5.68 <th></th> <th></th> <th></th>			
4.13 2.14 4.19 3.70 4.21 1.36 4.24 3.34 2.39 4.67 4.48 3.76 .02 1.07 3.96 4.55 4.35 3.56 3.60 1.93 2.49 2.78 3.36 3.56 2.36 3.61 1.74 2.78 3.36 3.56 2.58 3.67 1.74 5.26 6.51 3.30 2.30 3.59 1.58 .03 7.77 4.66 7.45 5.86 2.58 .51 4.85 7.77 4.66 7.45 5.86 2.58 .51 4.85 1.00 4.16 4.18 4.89 1.16 1.87 2.14 1.85 1.00 4.14 3.32 3.42 2.29 5.14 1.85 1.76 1.69 4.04 4.64 3.97 1.21 2.76 5.76 1.76 2.14 1.76 2.62 5.61 6.92 6.91 6.92 6.91 6.92 6.91 6.91 6.91 6.91 6.91			
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CONTINUED ON NEXT PAGE

GLOBAL CLTHITOLOGY BRANCH USAFETAC

MONTHLY PRECIPITATION (FPOM DAILY DESERVATIONS)

AIR WEATHER SERVICE PHAC

I

STATION NUMBER: 725060 STATION NAME: OTIS ANGB MA

PERIOD OF RECORD: 42-44, 48-74, 81-86

- UV II.												
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83 2.39		₽ 0.6	d • 3 F	2.83	75.2	1.54	5.57	1.38	7.24	7.57	5.88	55
84 5.28	5.69	1:51	I to t	5.42	5.95	6.50	. 64	1.43	36.2	1.66	3.40	3
85 1.41	1.71		.61	5.02	3.53	3.14	11.19	1.32	1.80	4.85	1.33	ř
A6 5.33	1	3.21	74.5	2.89	4.35	7.91	66.4	1.19	4.00	7.33	8. J. 38	55.46
		• • • • • • • • • • • • • • • • • • • •				• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • • • • • • • •	::::
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5.0. 1 1.717	1.430	2.213	2.075	2.141	2.861	2.218	7.754	2.524	2.245	1.947	2.148	16.364
1014L 085 1023	932	1 32 3	3 85	266	930	196	196	D\$ 6	196	946	1531	11698
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ULUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL FROM SUMMARY OF DAY DATA

1

			7.5	0.5	1.51	2.5	5.5	4.5 - A	AMOUNTS 1 6.5 1	IN INCHE	HES 15.5	25.5	OVER	I & DAYS	TOTAL !	FONTE	FONTHLY AMOUNTS	2
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JAN	66.3	17.9	7.5	5.5	16.1	T.21	16.		<u>ω</u>	2.				15.8	10231	. 6.1	34.8	TRACE
FEB	1.29	120.3	3.8	17.9	1.91	1.3		8.	6.	jes I			:	17.1	1256	11.6	30.0	TRACE
дУы	73.0	13.0 116.6 1	5.5	-	-	-	- -	9.	7.		2.			10.4	1023	7.4	38.1	PACE
APR	91.5	6.9	1.0	<u>.</u>	-	.27	-	7.			-		!		1986	1.3	11.2	i
МАУ	6.60			-		- 						:			1266 1	TRACE	TRACE	
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JOC	ונתםים				-		- 	- - : :	- 		- 			: - : - -	196	p.	D •	
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\$£P	n•na11					-									9.30	G •	0.	
130	1.66			- - -			- +			- +				Z.	1266		סיב	1
MOV	6.26	5.8	p .	4	7	- +	- + -	- +-	- +		- +			1:3	1966	.	3.7	
UEC	1.21	114.9	5.5	2.5	- b • 7	-	- 5 -	- 0	7.		2:	- +		<u> </u>	11021	1:	0.82	RACE
N		- 0 4	- 0	- 4		-		- :-	- : -				•		1			

CLOBAL CLIMATOLOGY BRANCH Jaretac

EXTREME VALUES OF SNOWFALL (FRUM DAILY OBSERVATIONS)

USAFETAC AIR WEATHER SEKVICE/MAC STATION NUMERR: 725040 STATION NAME: OTIS ANCH MA

PERIOD OF RECORD: 42-44, 48-74, 81-66

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	 		, s, • 47) M - #	. टा - क - कि	•	•) •	•	•) :		
	48					:			!			0.0	1:3	
	- 54	ن * *	3 • 5	٥ ٧	TH AL E		<u>ٿ</u>	o•	<u>.</u>	C•	·	1.0	1.2	3.
	100	2.5	4.5	c)	♣TR 5CF	r)	<u>ں</u>	i)	ນ •	Ď	٢	TRACT	ЕÐ	÷
	1 1	α)	9.6	₩. -	ن •	<u>.</u>	င ့	: •	٥.	٥.	<u>.</u>	IRACE	1.3	•
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	5.3	2.5	r) m		5.7	c.	<u>.</u>	c. •	(3	D •	G.	TRACE	TRACE	\$
	54	8.3	3	TRACE	TR ACT	C.	2.	J.	ρ.	E.	a•		13.0	13.
	55	1.7	7 . 7	ુ .	5 %	()	() ()	c.	ĵ•	0.	0•	1.9	2.2	5.
	56	0.5	- 2:2	20.02	TP ACE	.	.	٥.	ם	p.	0.	TRACE	7.2	20.
	57	4.6	3 • €	7.2	TR ACE	0.	c.	ر، •	មុ	0.	ů.	TRACE	5.	7.
	53	9.	2.1	4.5	13 m	D.	b	۲,	<u>د</u>	p.	D .	TRACE		10.
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	6.0	7.5	2.2	21.3	TRACE	 -	D.	: : :	+	D.	LL.	5	17.6	-17
	61	16.7	12.7	3 • u	19	c;	u •	<u>ပ</u>	ပ •	<u>د</u>	TRACE	TRACE	9.7	16.
	23	<u>5</u>	7.1	1.	F	р .	Ċ.	р .	0.		۲ ٠	TRACE	о. 3	7.
	63	1.2	1	3.6	TRACE	u•	L: •	c.	c) •	0•	0.3	0.	3 °	S
1	1 59	13.0	7.5	1.4	to •	٥.	٠,	ن	<u>ت</u>	D•	E) •	TRACE	14 • 54	13.
	98 1	10.5	. 4	5.		c) •	ن •	о •	•	C.	J•	TRACE	TRACE	10.5
	99	4.6	2:5	4.4	-	1.	: !•		:	d •		0	4.7	5
	67	TRACE	□ • • •	4.3	ŭ. • T	J•	C	رع •	ت •	C •	C)	5.4	4.5	14.
· !	63	1 1	1.	1.2		to •	ය •	E:	٥	0•	t) •	TRACE	ar en	D
	69	(-)	3. 4.	11.2		<u>.</u>	• 7.	<u>ာ</u>	<u>ن</u>	Ċ	TRACE		1.1	11.
	1.37	6.9	ارا • د	0.0		·	c	ເງ •	٥.	G.	TRACE	<u>ت</u>	17.3	17.
	71	3°		J•€	C: n1	o •	ں •	о·	<u>.</u>	o,	0•	1.7	0.	•6
	121	7.1	3	4.	1	. G.	<u> </u>	<u>با</u>	<u>ت</u>	P	TRACE	•	2.2	5
	7.3	1.6	4.0	2.4		<u>.</u> •	ب	<u>ပ</u>	ت •	о •	ں •	C.	TRACE	• 6
1	7.5	7.9	•	TRAFF		۲,								

NOTE * (PASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEZMAC

LXTREME VALUES OF SNOWFALL (FROM DAILY OBSERVATIONS)

STATION NUMBER: 725060 STATION NAME: OTIS ANGE MA

PEPIOD OF RECORD: 42-44, 48-74, 81-86

TRACE	AUG SEP OCT	NOV LEC	MONTES
S.I 3.F ,8 IE.7 ,3 ,0 ,0			
S.I 3.6			
55 15.6 TRACE TRACE .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0			!
S 10.e TRACE .0 .0 .0 .0 4.0 6.1 TRACE TRACE .0 .0 4.5 5.5 TRACE TRACE .0 .0 4.26 4.85 3.32 1.12 TRACE .00	D. D.	LYACE F.B	
2.6	0.		10.8
4.0 6.1 TRACE TRACE .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	<u>u</u>		
T 4.26 4.35 3.32 1.12 TRACE			
.c	o. o.	1.4	_
THE GET 4.30 3.32 I.I.S. TRACE		D.Z 8.	J
1 4.26 4.85 3.82 1.12 TRACE	******************		•
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4.106 3.554 5.152 2.424 .000 .000 .000	.000 .000	4884 789	4.873
1	450	300	

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC STATION NUMBER: 775060 STATION NAME: OT IS ANGE MA

MONTHLY SNOWFALL (FROM DAILY OBSERVATIONS)

PEPIOD OF RECORD: 42-44, 48-74, 81-86

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YEAR	NAU		A A R	APF	¥ ¥	NOD	JUL	4UG	SEP	00.1	NON	CEC	MONTHS
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43	m • a:	٠.	4.1	*TR ACE	0.	c) *	0	0	₽.	0	TRACE	1.7	∓ 17.
- ++	• 1	6.2	₽.?	±.									
43											D.#	7.6	
- 64	5.5	7 • F	† • †	TRACE	ព្	ပ.	.	0•		0.	1.0		19.
50	5.1	. 6	1.4	* TR ACT	c.	<u>.</u>	U	0	D.	0.	TRACE	2.3	*2D*
51	1.2	15.5	1.5	ر.	o•	c. •	.	٥.	0.	0•	TRACE	2.7	26.
52	1.3.0	6.61	2.6	•	ි •		٠.	ပ	6.	0.	TRACE		32
5.3	1.7	4.0	2.	5.7	υ·	0.	0.	0.	0	0.	TRACE	TRACE	15.0
54	23.4	7.	TRACE	TRACE	P.	0.	0.	3.	6.	0.		6.25	49.7
55	2.1	113 •	ر ا ا	п С.	0	: •	വ •	<u>ပ</u>	0.	0•	3.7	æ•	25.8
56	11.8	-2-1	36.1	TR ACE	. U	0	c.	ם •	c •	0.	TRACE	80	57.8
57 1	13.8	4 . 2	# (U)	TA AC	<u>د</u>	٠ ن	ت •	ن •	0.	0.	TRACE	3.6	40.0
53	I.O	17.5	5.7	5.7	. O.	ij	<u>.</u>	<u>ن</u>	0.	0	TRACE	2.5	39
59	1.4	2.6	12.9	TH ACE	<u>ت</u> •	ن •	ပ္	:) •	0.	0.	TRACE	£ • 8	23.7
1 09	8.0	4:1	34.5	TR SCE	0.	E.	D.	0.	9.	TRACE	P.	6.72	71.5
61	5.47	12.7	10°C	M)	J•	0	ပ •	ຍຸ	0.	TRACE	TRACE	5.1	52.6
29	2.2	23.3	.1.	F	D.	0.	٥.	0.	D.	۳.	TRACE	7.1	33
63 1	2.5	1.5	p • 2	TR ACF	0.	c.	<i>ن</i> •	ပ •	0.	2°C	0.	17.6	32
1 49	22.7	26.5	. h.2	P.	b	£)	о •	٥.	0.	<u>ت</u>	TRACE	11.0"	62
1 59	34.8	3 • 5	2.1	• 1	ິງ •	u	၁ •	0•	C.	·	TRACE	TRACE	4.7
1 99	15.3	1.8	6.3	TRACE	1.	12:		D	D.	0.	p.	3.0	30.
67 1	TRACE	30.0	15.2	1.7	cı •	<u>ပ</u>	.J	ت •	c) •	<u>.</u>	5.4	£ • 3	5.5
68	10.0	2.1	I.3		E.	D	ים	<u>ت</u> .	•	E .	TRACE	ø. M	22.3
1 69	٥.	16.5	16.8	TR &CF		<u>(၂</u>	o.	0.	0.	TRACF	7.	74.4	3
7.0	15.3	3.6	19.2	TR ACE	ن •	ن •	0.	ມຸ	0.	TRACE	D		73.D
7.1	16.5	2 • 2	J•C	£ • 3	C) •	C)	رب •	<u>.</u>	0.	u.	2.2	የ	31
121	2.5	12.5	5.5	1.1	r	: •	į.	Þ.	E)	TRACE	h.	203	. 4.2
73	ن در	28.2	6.7	2•0	۲.	٠.	0.	ပ•	0	ບຸ	0.	TRACE	39
-	1 - 4 - 4												

NOTE * 19ASED ON LESS THAN FULL MONTHS!

CONTINUED ON NEXT PAGE

CEGGAL CLIMATOLOGY SPANCH USAFETAC

FROM DAILY OUSERVATIONS!

AIR WEATHER STRUICE / HAC

51-86		HONTHS		44.5	26.1	5:2	23.8	15.6	37.20	16.162	11726	••••••		
42-44, 48-74, 51-86		ננכ	#£.7	11.8	1.6	TRACE	1.0	9	7.15	7.570	1531			
, •		NON.		TRACE	0.	•	1.4	bo •	.39	.882	946			: : :
PERIOD OF RECORD:		0.01	•	a.	0.	0.	บ•	D.	10.	.356	266	• • • • • • • • • • • • • • • • • • • •		į
PERIOD	HE S	SEP		0.	0.	0.	0.	D .	an	.000	930			MONTHS
•	TUTAL MONTHLY SNOWFALL IN INCHES	AUG	• • •	0.	a.	D.	o.	o.	an	30G*	196	• • • • • • • • • • • • • • • • • • • •		* (BASED ON LESS THAN FULL MONTHS)
•	SNOWFAL	-M-0-M-1-M-5-	•	0.	0.	0.	0	0.	- BD	370.	126			N LESS T
•	MONTHLY	0-11- MUL		• a	۵.		4	0	Ca	000.	626		:	(BASED (
ANGB MA	TUTAL	7. A ≻	•	.	വ •	1	ຕ •	TRACE	TRACE	000.	266			NOTE *
13		AP F	•		TRACE	4.	TR AC	TR ACF	1.29	2.641	386			
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z		MAH	•	т. т. т. т. т. т. т.	TABLE	16.5	TRACE	is.	7.38	275.6	1:023			
STATIO		FE	•	7 · F	23.7	TRACE	10.3	5.6	9.15 13.62 7.38	9.555	256			
R: 725060		N. A.D	• • • • • • • • • • • • • • • • • • • •	15.1	9.	Sit	11.1	£.	9.15 10.65	8.824	1023	• • • • • • • • • • • • • • • • • • • •		
STATION NUMBER: 725060 STATION NAME: OT			• red • red • red • • ·	1-28	93	84	9.5	45	N T Jb	5.0.	TOTAL OBS			

GLOSAL CLIMATGLOGY BRANCH USAFETAC

AIR BEATHER SERVICEZHAL

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 42-44, 48-74, 81-AMOUNTS IN INCHES GREATEST LEAST FONTHLY AMOUNTS MIN & GAYS! TOTAL! 10231 932 1023 1266 9 30 1 961 9 30 1 992 1053 11.7.1 1.7.7 886 196 946 MEAS 14.9 21.2 36.3 1.4 120 61 10 120 45 STATION NAME: OTIS ANGE MA 7. 25 | 70 | 36 | .5 2.31 1.1 1.9 3.4 1.4 1.1 ~ 2.81 2.5 1. 3.11 4.71 117 3.5 5.4 7.5 1.7 5.9 2 5.0 ₹, 7 6.3 7.2 STATION NUMBER: 725060 NONE ITRACE! o. . 9.3 111.2 ٥. ر 4.7 63.5 ي. د . . ع 90.3 133.0 58.6 100.0 100.6 11.8 103.C 100.0 5.66 HINCH . Α. FE9 α ₹ בר ה 5.F.P C d W AUG 0.01 MAY JUL ACA DEC NNS

GLOGAL CLIMATOLOGY BRANCH USAFETAC (FROM C

EXTHEME VALUES OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

PEGIOD OF RECORD: 42-44, 48-74, 81-86

STATION NUMBER: 725000 STATION NAME: OTIS ANGR MA

AIR MEATHER SERVICE / MAC

I

DAILY SNOW DEPTH IN INCHES ••••••• ю HONTHS LEC TRACE TRACE TRACE TRACE > 0 2 TRACE TRACE 0,1 24.0 AUS 7 AP TR ACE 12: 26: 4 TRACE 75.425 ر. اینا اسا TAAC JAY ius un TRACE THACE TRACE) # # I

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GLOGAL CLIMATOLOGY BRAYCH USAFETAC THE ATHER SERVICE PARC

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CATREME VALUES OF SADA DEPTH (FROM LAILY GESERVATIONS)

STATION NUMBER: 72506F STATION NAME: OFIS ANGE MA

PEPIND OF RECORD: 42-44, 48-74, 81-86

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5.3.	5.713	3000	5.600 6.747	2.34	() ()	u?u•	າ ວ່າ ວ່າ ວ່າ	: : : : :	270.	.177	.427	- M	7.686
TOTAL OBS	12:1	16.5	12.1	£.	1.60	0.00	96.1	190	0.20	266	946	1	

ACTE * CASED ON LESS THAN FULL MONTHS!

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SURFACE BIND SUMMARIES

LATREME VALUES OF PEAK WINCS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YFARS COMBINED.

SPEEDS PRESENTED IN MNOTS.

RECOPU THROUGH JUNE 1968 9 BIRLCTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD COMMENCING JULY 1968 EIRECTIONS PRESENTED IN TENS OF DEGREES.

œ AN INCOMPLETE MONTH OF THREE AN ASTERISK "*" IN THE TABLES INDICATES THAT THE VALUE IS PASED ON MISSING DAYS.

FOUR OR MORE MONTHS ARE NEEDED MEANS AND STANDARD BEVIATIONS PRESENTED DO NOT INCLUDE INCOMPLETE MONTHS. COMPUTE THESE STATISTICS AND INCOMPLETE MONTHS ARE NOT INCLUDED.

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

BIVARIATE PERCENTAGE FREGUENCY TABULATIONS OF SURFACE MINDS

MATA DERIVED FROM HOLRLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN WNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH CIRCCTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN GIVEN FOR EACH DIRECTION.

AND ANNUALLY (ALL YEARS COMBINED).. MONTH, MONTHLY DATA PRESENTED BY THE STANDARD 3-HOUR TIME BROUPS BY

KIER A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY Limitations: when visibilities boual to or speater than 1/2 miles, the ceilings are 200 to 1400 feet and/or the ceiling is equal to or speater than 200 feet, the visibilities are 1/2 through 2 1/2 miles.

. 05% OR MORE OCCURRENCES AMOUNTING TO LESS THAN A PERCENTAGE VALUE OF ".D" IN THESE TABLES INDICATES ONE

ULBEAL CLIMATHICOV SEASON A TR. BE REHER STRVICE PPRE JATETAL

EXTRIME VALUET OF STREAM INTO THE AINTO SERVATIONS

CTATION CAMES OF IS ALCO WA

CINTICA NEVERTER 775767

PERIOD OF GECORD: 51-52, 18-74, 86

5.1 187 57 247 65 227 53 357 46 50 51 58 55 ROPINS 55 E 2 RINE 46 5 1 6.937 XXE 7 7 8 8 341 142 1011 191 7.159| 5.721| 30/ 48 | 24/ 43 | 431 35 16 16 16 17 37 52 16/ N.N. NN NN 26/ 112 SS# 531 NON WWE 421 T. b _ ; 321 125 125 125 125 125 45 167 461 27 541 SE NA 112 =E 34/ 38.11 351 321 477 501 237 361 297 371 207 351 157 971 357 371 107 321 67 57 1 17 48 1 227 37 1 157 28 217 39 257 51 287 481 1177 341 6.7 3 N 2 N 2 N N.ME **5**5£ 247 341 257 341 27 261 317 511 247 371 1975 331 431 451 35.1 361 5.720| 10.933| 5.720| 10.933| 5.721| 5.131 361 NWE S 30.3 N N N in 3 ≥ ∆ 1001 197 291 34 37 | 451 1 10 1 1 132 237 727 102 N د. ح 126 /27 126 /32 147 461 33.01 7100 311 132 - ان در 311 ÷ 2 3.7 , 275 J 12. 122 101 Ja un 3 * 155.5 -437 TOTAL OBS | 527| 45.7 | 5.41| 7.445| 7.57| 57.9| 57.9| 10.45| 7.45| 7.54| 7.45| 7.54| 7.54| 7.54| 7.54| 7.54| 7.54| 7.54| 150 257 361 367 331 141 <u>...</u> 3, # \$2 321 E28 111 1000 7 - X Y -1.5 4.5 1.5E 1A4 .77 571 .17 311 F7 481 717 411 217 361 - 27 421 37 FET 137 351 200 7. 3 ų. 147 | 38 / ... 247 511 --4:1 1 35 4 1 1 ---- /: 1.5 11. + . + 1.7 41.4 Lan Tra 10 m m m - 1 124 2 11 - -155 /17 777 47.7 147 571 3 14. ; سا 22 23 -. : 14 --367 451 114 /12 1 7 1847 44 115 - E - in the state of 24. 47.1 -451 134 167 /30 \$? **.** # # 5 7 # 1 127 Y! A . 0 5 7

THE A CASE OF LESS THREE FOLL MORTHS!

* PREST OF LESS THREE FULL MORTHS AND *IDD MNCTS!

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6377

5131

1581

1231

PERCENTAGE FREIGENCY OF OLLUMPENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FRUCTIONS

ULUGAL CLIMATOLOGY SHANCH USAFETAC ALM ALATHER SLRVICE/MAC

PLRIOD OF PLCORD: 1 OT IS ANDE STATION

1-5						7.1	SPEEC .	IN ANOTS		,	į			;
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	UIPECTICA LOFGREES	~ ~	3 - 3	7 -1;	11-16	17-21	12-27	£ 6. − 6. <	3 to the tr	4] - 4 7	48-55	د ا ا	1(14)	F IN
11 26 34 34 34 12 13 44 34 34 34 12 13 13 34 34 34 12 13 13 13 13 34 13 14 14 14 14 14 14 15 14 14 14 14 15 16 17 11 14 14 16 16 17 11 14 14 17 16 17 11 14 14 18 16 17 11 14 14 18 16 17 14 14 14 18 16 17 14 14 14 19 16 17 14 14 14 14 18 16 16 17 14 14 14 14 18 16 <		•	•	· (. · · · · · · · · · · · · · · · · · ·		•	•	•	•	•	•	•	m . a	9
5.7 14.7 14.5 4.4 </td <td></td> <td>٠.</td> <td>ىن •</td> <td>3</td> <td>3.</td> <td>Arn •</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.0</td> <td>11.2</td>		٠.	ىن •	3	3.	Arn •	-						2.0	11.2
1.2 1.5 1		•	3.41	***	7	3	~						# • M	9.6
1.5 1.5	- F.		•	 • 	€ •	Ğ	~.						ar m	3.5
1.1 .2 .4 .7 .4 .1 .1 .1 .1 .1 .1 .4 <t< td=""><td> •</td><td>•</td><td></td><td>•</td><td>₹.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1.6</td><td>3</td></t<>	 •	•		•	₹.								1.6	3
11 .2 .4 .1 .1 .4 <td< td=""><td></td><td>'.</td><td>~</td><td>л •</td><td>1.</td><td></td><td>•</td><td></td><td></td><td></td><td></td><td></td><td>1.7</td><td>16.5</td></td<>		'.	~	л •	1.		•						1.7	16.5
.2 .3 .1 .1 .2 <td< td=""><td></td><td></td><td>(,</td><td>.,</td><td>•1</td><td><i>3</i>.</td><td>•</td><td></td><td></td><td></td><td></td><td></td><td>1.9</td><td>11.9</td></td<>			(,	.,	•1	<i>3</i> .	•						1.9	11.9
.2 .4 1.1 .2 .3 .1 1.2 .3 .4 .7 .3 .1 1.2 .2 .5 .9 .9 .9 .9 .9 .3 .4 .9 .1 .4 .6 .9 .1 .1 .9 .9 .1 .1 .9 .9 .1 .9 .9 .1 .9	. Ssf				^;	7.	•						<i>3</i> ,	16.5
1.2 3.3 3.4 3.5 3.6 4.0 3.6 4.0 5.7 3.6 4.0 5.8 3.6 4.0 5.1 3.6 4.0 5.1 3.6 4.0 5.1 3.6 4.0 5.1 3.6 4.0 5.1 3.6 4.0 5.1 3.6 4.0 5.1 3.6 4.0 5.1 3.6 5.1 5.2 5.4 5.5 5.4 5.5 5.4 5.5 5.5	· ^		e.	•		1.1							2 • 2	13.7
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14.5 1. 2. 7.4 4.6 2.6 .9 .1 13.4 13.4 13.4		*	•	3 * #	4 • 6 • 6	1.7	3						15.4	11.2
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13.4	3 2	?•	*	\$ • •	.) *	6.							13.7	10.1
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PEPCENTACL FREQUENCY OF OCCURNINGE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM VERSUS WIND SPEED ULGEAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

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NO S	1-3		:		#INU SPEEC 17-21 22-27	SPEED 18	IN KNOTS 28-33	34-40	41-47	4 B - 55	5 GE 56 T	TCTAL MEA	MEAN
		• M	2.2	7.	m	•			•			5.9	7.9
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N.	7	u` •	•	6	æ •							3.2	11.6
ENE			C) •	٠,	٧,							2.2	6.3
۔ ۔۔ ۔۔	•	.	M									1.6	8.3
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s		. 7	3.	~** •	£.							1.7	11.3
SSE		* ·	;		~	•						1.2	12.6
3	• 1	u.	NV •	<i>\$</i>	۲۰							1.6	8.0
* S	Ç., •	۴.	1.6	1.7	3							3	11.2
3	.1	5.1	J • #	7.2	2.1	•						13.2	11.1
	. 1	4.1	4.7	() E	1.1							12.9	9.6
 2	3	, ,	5.1	3.9	α <u>ν</u> •							12.5	10.0
3 2 2	M	#1 *1	4.7	2.1	• 2							11.2	8.1
WARIARCT.			•	•	•	•	:			•			
CAL	mmmmmmmmmmm					,,,,,,,,,	1111111		,,,,,,,,,		,,,,,,,,	20.4	,,,,,,
TOTALS	2.5	20.00	27.5	20.8	7.6							000	a

PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HUNKLY OBSERVATIONS ULOBAL CLIMATOLOSY RRANCH USAFETAC AIR AEATHER SERVICE/MAC

OIRECTION 1-3 4-6 7-10 1 (DEGREES) 4-6 7-10 1	11-16	17-21 22-27	7 28-33 34-40	40 41-47	48-55	GE 56 TO	TCTAL	HEAN
							,,	ONI
	· · · · · · · · · · · · · · · · · · ·		• • • • • • • • • • • • • • • • • • •		•	•	9	6 . 1
S. C.	٠,	1.0					2.4	13.6
3. H. JN	u ⁿ	پ	. 1				2 • 3	12.9
F.NE .2 1.2	vî •						2.1	10.6
.3 .2 1.2	វេ•	.1					2.4	9.2
5. 4	٠.		. 1				1.7	10.4
SE	3						2.3	8.2
9. 4.	۴.		₩\ •				3.6	12.1
6.	.1	M .					2.6	æ •
	• 1	۲,	e:				1.3	13.8
9. 2.	9.	J					2.1	13.7
MSn 1.C	1.2	7.					3.6	10.7
(1 · t)	№1 • №1	5 • 3	•				14.6	10.5
0.4 3.6 4.0	5 • 4	1.3					11.4	8.6
No. 1 2. 2.4 5.4	5 . 7	œ					12.7	9.6
# # 6 * 2 * * * * * * * * * * * * * * * * *	2.1	• 1					11.2	හ හ

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSFRYATIONS GLGBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SFRVICEZMAC

PERIOD OF PECORD: 77-86
MONTH: JAN HOURS(LST): 0900-1100 STATION NUMBER: 725369 STATION NAME: OTIS ANGE MA

3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9	DIRECTION (DEGREES)	1-3		1-1		17-21	2-5	28-33	34-40	41-47	48-55	GE 56	1CTAL	MEAN
11 15 15 15 11 12 14 15 15 15 11 14 15 13 15 15 15 12 14 15 12 15 15 16 16 12 15 15 15 15 15 15 16 12 16 17 15 15 15 15 15 12 16 17 16 17 16 17 17 11 15 15 15 15 15 17 16 11 16 17 16 17 17 17 17 12 15 17 16 17 17 17 17 12 16 17 16 17 17 17 17 12 16 17 17 17 17 17 17 17		(*) (*)	 	:	2.7	.2		•			•		8.2	9.3
1.1 .4 .1 .4 .1 .4 .1 .2	NNE -		ů.	3.0	s.	1.5							3.9	13.1
1.1 .9 .6 .3 .3 .5 .2 .5	ш 2		64	3	1 • 1	÷.							2.2	13.2
.1 .9 .6 .9 .2 .2 .3 .6 .9 .2 .2 .1 .5 .1 .2 .2 .1 .5 .2 .2 .6 .1 .5 .2 .2 .1 .5 .2 .3 .3 .3 .1 .3 .1 .9 .1 .1 .3 .2 .2 .4 .9 .1 .1 .9 .1 .1 .1 .3 .4 .5 .2 .1	ENE		#	.	то •	• 3	€3 •						2.4	12.7
2.2 3.6 4.9 5.2 3.1 5.6 1.5 1.5 1.5 3.2 1.1 5.5 1.2 3.3 4.1 5.5 5.2 5.3 3.2 5.1 3.2 3.2 3.3 3.2 6.1 3.1 3.1 3.1 3.1 7.2 2.5 4.9 5.1 3.1 4.9 8.2 2.4 4.9 5.2 2.5 3.2 3.7 3.9 8.2 3.2 3.7 4.9 3.1 3.1 3.2 3.2 3.7 3.9 3.2 3.7 3.9 3.2 3.7 3.9 3.2 3.7 3.9 3.2 3.7 3.9 3.2 3.7 3.0 3.2 3.		• 1	•	9•	°.	-:							2.6	8.2
.1 .5 .3 .3 .2 1.1 .5 1.2 .2 .6 1.4 .5 .2 .3 .1 .5 .2 .3 .3 .1 .5 .2 .3 .1 .3 .1 .3 1.0 .1 .3 .1 .1 .3 1.5 .1 .3 .4 .2 2.5 2.5 2.5 .3 .4 .9 .1 .4 .9 .1 .4 .9 .1 .4 .9 .1 .3 .4 .9 .1 .1 .4 .9 .1 .1 .4 .9 .1 .1 .4 .9 .1 .1 .4 .9 .1 .1 .2	ESE	• 2	•	• €	£.	(4							2.2	10.4
.2 1.1 .5 1.2 .2 .6 1.4 .5 .2 .2 .1 .5 .2 .3 .3 .1 .3 1.0 1.1 .3 1.7 .1 .3 1.5 1.7 .6 .1 .1 .4 .2 2.5 4.9 5.2 2.5 .1 4.9 .2 2.4 4.5 4.8 1.9 .1 15.3 .2 2.4 4.5 4.8 1.9 .1 1.9 .2 2.4 4.5 4.8 1.9 .1 1.3 1.3 .2 2.4 4.5 4.8 1.9 .1 1.9 1.9 .3 1.5 3.7 4.6 .1 .1 .1 .1 .1 .4 1.5 3.7 4.6 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	SE -	.1	υ _*	년) •	~.	۶.							1.8	9.6
.1 .5 .2 .3 .3 1.7 .1 .3 1.6 1.1 .3 1.7 4.9 .1 .9 1.5 1.7 .6 .1 3.4 .2 2.5 4.9 5.2 2.5 1.9 1.9 1.9 13.7 .2 2.4 4.2 4.8 1.9 .1 1.9 13.7 .5 1.5 3.2 3.7 1.9 .1 10.9 .5 1.5 4.6 .6 .6 .6 .7 1.9 .7 1.9 .7 1.9 .7 1.9 .7 1.9 .7 1.9 .7 1.9 .7 1.0 .9 .7 1.0 .9 .7 1.0 .9 .7 .8 .7 .8 .9 <td>SSE</td> <td>C3</td> <td>1.1</td> <td>• 5</td> <td>1.3</td> <td><u>.</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3.3</td> <td>6.1</td>	SSE	C 3	1.1	• 5	1.3	<u>.</u>							3.3	6.1
.1 .3 .3 .3 .3 .3 .3 .3 .4 .3 .4 .3 .4 .3 .4 <td< td=""><td>S</td><td></td><td>•</td><td>1.4</td><td>ě.</td><td>2.</td><td></td><td></td><td></td><td></td><td></td><td></td><td>2.8</td><td>6.6</td></td<>	S		•	1.4	ě.	2.							2.8	6.6
.1 .3 1.6 1.1 .9 .1 .1 .1 .3 .4 .9 .1 .1 .4 .9 .4 .9 .1 .1 .4 .9 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .2 .2 .4 .8 .1 .9 .1 .1 .1 .1 .1 .1 .2 .2 .4 .6 .6 .1 .1 .2 .2 .4 .6 .6 .1 .4 .6 .6 .6 .6 .6 .7 .4 .6 .6 .6 .7 .4 .6 .6 .6 .7 .4 .6 .6 .6 .7 .4 .6 .6 .7 .4 .6 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .7 .7 .7 .7 .7 .7 .7 .7 <	# S S		un •	7	٠.	M7 •		*1					1.7	14.3
.1 .9 1.5 1.7 .6 .1 4.9 .2 2.5 4.9 5.2 2.5 15.3 .2 2.4 4.2 4.8 1.9 .1 .5 1.5 3.7 1.9 .1 1.1 5.7 4.6 .6 .6	75	1.	m •	1.C	1.1	æ.	-	• 1					3. %	13.4
.2 2.4 4.9 5.2 2.5 15.3 15.3 15.3 15.3 .1 .5 1.9 .1 1.9 .1 10.9 12.0	353	-	Ċ.	1.5	1.7	9•	• 1						6.4	11.7
.2 2.4 4.2 4.8 1.9 .1 .5 1.5 3.2 3.7 1.9 .1 1.1 5.7 4.6 .6 .6		ri	£ • 3	5 • 3	5.3	5 • 2							15.3	*1
.5 1.5 3.2 3.7 1.9 10.9 10.9 1.1 5.7 4.6 .6 12.0	3 2 3		2.4	7 * 4	ec -	1.9							13.7	11.3
1.1 5.7 4.6 .6 12.0	3 2	v.	1.5	3.2	3.1	1.9							10.9	11.4
	222		1.1	5.7	4	9							12.0	10.8
	CALM I.	,,,,,,,,,,,				,,,,,,,,,,,	,,,,,,,,		,,,,,,,,,	,,,,,,,,		,,,,,,,,	æ.	,,,,,,
8.8	TOTALS	2.3	16.2	58.9	30.4	12.3	٠,	3					100.0	10.2

PERCENTAGE FREQUENCY OF OCCUPRENCE OF SURFICE WIND DIRECTION VERSUS WIND SFEED FROM FROM FROM HOUMLY OFSERVATIONS ULUGAL CLIMATOLOGY BRANCH USAFETAC A IN WEATHER SERVICE/MAC

	• • • • • • • • • • • • • • • • • • • •				· 2 2 1		VIONX NI	• • • • • • • •	• • • • • • • • • •	:	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•
BIRECTION (OEGREES)	F2 - 1	7 - 4	7-15	10		2-57	1-33	34-45	41-47	48-55	GE 56	ب.	
··	. M			. (3)	•	•	•	•	•	•	•	7.3	15.9
 W Z Z		u .	3.5	© •	*	-						u•s	11.3
۔ ۔۔۔ ۔ نیا ک	Ç	מי	1.6	1.7	7	•	•					٠. ١٠	11.6
		α.	~1 •	٥	-:	u·						2.4	12.6
 -		9.	•	3	(4							1.9	6.5
1 25	-	Li -		1.5	٠.	•						2.6	13.2
Se	<u>٠</u>	2.	.	an •								11 0	10.2
SSE		•	. 3	3	۸.							1.6	12.8
s	.2	1.2	1 • 7	C •	9.							4.7	10.0
 78 S S S		٥.	1.1	1.1	(4							3.3	10.9
7			c.	0	1.0	M ;						E ·	14.6
* * .0 .3		٠.	1 • 5	5 • 5	1.2	15	• 1					0 • 9	13.1
		1.1	7.2	7.	i • d	٠,						18.3	12.3
3 2 3	•	1.7	5 • 4	0.4	1 • R	•						12.2	11.7
<u>.</u>		1.3	\$ ·	2.5	1.9							10.6	12.1
322		3	u (∪	\$ • £	a) •							7.2	11.7
VARIABLE !					•	•	:	•			•		
נארא ני	ининининининини		mmm.	minni				,,,,,,,,,,			,,,,,,,,,	5 • 3	,,,,,,,

175

TOTAL NUMBER OF CHIERVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS ULUBAL CLIMATOLOCY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

11	1 - 3		7 -16	11-16	17-21	WINC SPEEC 1 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TCTAL	ME AN
		3 °C	• (4	1.6	-2					•	•	6.8	6.9
N N N	.	1.2	1.2	1.1	3	•						3 ·	9 • 3
7 L		1.6	1.5	1.1	3	•						5.1	10.6
E E		1.0	1.1				.1					2.4	8.2
لد	ж <u>.</u>	1.1	.	٠.	• 1	•						3.7	& &
ESE	·	•	<i>3</i>	ø. •	u) •	•						2.3	12.6
		• 5	9.	Ò	(4							1.8	11.2
385		0.	₹.	3	m •							2.2	6.3
s	(2)	•	1.1	1.0	• 5	•						3.5	11.1
38.88	~; -~-	• 1	5.	1.1	• 5	. 1						2.5	11.6
	2.	1.1	1.3	¥	6.	•						5.1	12.1
# S #		1.7	2.5	1.9	1.2							7.2	10.8
3	٠.	3.0	5.	5.3	2.2	•						16.1	11.2
3 2 3	M.	2.0	Z • Ħ	9• #	1.4							12.6	11.0
а 2		M • , 1	5° 5	D• 4	1.9							11.7	11-3
3 2 2		3	2.6	2.2	ឆ្	• 1						5.9	11.5
VARTABLE						:	:						
CALY		,,,,,,,,,		11111111				,,,,,,,,,	,,,,,,,,,		,,,,,,,,	6.9	,,,,,,
-													

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLUDAL CLIMATOLOGY SRANCH USAFETAC AIR WEATHER SFRVICE/MAC

										:	1000311311	11: 1000-2000	2002
DIRECTION (DFGREES)	. M	4-6 7-1	7 -13	1 1-16	17-2	IND SPEED IN MNOTS 1 22-27 28-33	IN MNOTS 28-33	34-46	41-47	48-55	GE 56 TC	TCTAL ME	MEAN
	. 2	9.2	1.7	***					•	•	•	5.2	7.7
ENE	.	1.0	1.1	<u>ب</u>	9.	•						4 • 3	11.8
	• 1	٠ د	٠ <u>.</u>	6.	•							2.5	10.0
E NE	• 5	٠	1 • C	.	• 2							2 • 5	0.6
۔ ۔ ۔	3	3	1 . 3	M	• 1							2.6	7.8
f SE	• 5	• 2	9.	æ.	M)	•						2.3	11.9
S.E.			S.	9	٠,							1.5	11.9
SSF	2.	• 5	ur •	• 5	• 5							J • E	9.5
. –		•	1.C	න •	٥.							5.9	12.7
RS S		(~)	4	1.4		• 1						5.4	11.6
3	· .	• •	ô.	1.0	9.							3.2	11.5
7.8 V)		•	1.4	1.7	មិ	• 1						9.4	11.6
		3.4	3.2	7.	1.3	P:	• 1					13.0	11.0
373	3.	u ~1	4.7	†	1.6	•						15.1	10.6
.s	.1	Z•3	8.	9.6	1.0	• 1						6.6	10.1
.1 Z Z	•	1.5	1.5	1 • 39	.							ν •	10.1
VERIABLE			•								•	•	
CALM					,,,,,,,,,,			,,,,,,,,,			,,,,,,,,,	21.0	,,,,,,
TOTALS	C ₩		:	,	1								

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLUGAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

I

1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 66 56 70144 48 18 18 18 18 18 18	-					CALT	7 1 1 0 2	VIONE AL		,				
2.7 1.3 .1 6.2 2.4 2.7 2.4 2.7 2.4 2.4 2.5 2.4	DIFECTION IDEGREES)	1-3	t :	7-10	1 1-1	17-21		28-33	34-40	~	48-55			ΣΙ
7.2 6.6 7.2 7.5 <td>2</td> <td></td> <td>G G</td> <td>2.7</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td></td> <td>•</td> <td></td> <td>•</td>	2		G G	2.7	-					•		•		•
2.7 8.6 9.4 3.3 9.4 5.2 9.4 9.4 9.5 9.4 9.4 9.5 9.4 9.4 9.5 9.4 9.4 9.4 9.5 9.4 9.4 9.4 9.5 <td>E NA</td> <td></td> <td>•</td> <td>¢3</td> <td>9.</td> <td>• 5</td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.2</td> <td>14.1</td>	E NA		•	¢3	9.	• 5	•						2.2	14.1
.1 .5 1.2 .3 .3 .5 .4 .2 .3 .5 .4 .2	u u	. 2	uò •	3	۳.	ा •	•						2.4	10.9
3.6 6 1.2 1.2 2.2 2.0	LNE	• 1	دي •	1.2	€.	۴.							2.4	9.5
.1 .4 .2<	- -	٤.	•	•		2.							3.0	9.6
11 14 2 2 1.5	t se		0.1	· 1	# •	۳.	•						2.0	10.7
1 14 15 13 12 1 14 15 13 18 11 2.3 1 11 15 15 15 15 15 2.2 1 1.0 1.5 1.5 1.3 1.1 1.1 14.7 1 1.5 2.1 4.2 1.3 1.1 1.1 14.7 1 1.5 2.3 3.4 1.3 1.3 1.3 1.3 1 3.1 3.2 3.4 1.3 1.3 1.3 1.3 1 3.1 3.2 3.4 1.3 3.1 3.1 3.2 3.4 3.3 3.4 3.2 3.4 3.3 3.4 3.3 3.4 3.3 3.4 3.3 3.4 3.3 3.4 3.3 3.4 3.3 3.4 3.3 3.4 3.3 3.4 3.3 3.4 3.3 3.4 3.3 3.4 3.3 3.4 3.3	35		• 1	.	ů	• 5							1.6	12.1
.1 .4 .5 .3 .8 .1 2.3 .1 .1 .5 .2 .2 .2 .2 .1 .1 .5 .6 .9 .1 .1 .2 .2 .1 .1 .4 .6 .5 .1 .1 .1 .1 .4 .7 .2 .1 .2 .3 .4 .2 .3 .1 .1 .1 .1 .1 .1 .2 .2 .3 .4 .3 .1 .3 <td>358</td> <td>.1</td> <td>3</td> <td>.1</td> <td>٣.</td> <td>٠,</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.2</td> <td>10.2</td>	358	.1	3	.1	٣.	٠,							1.2	10.2
1.1 1.5 .2 2.2 1.0 .5 .6 .9 2.2 1.0 .5 1.3 .1 .1 .1 2.3 5.0 1.5 .1 .1 14.7 .1 2.3 5.1 4.2 .9 .1 15.5 .2 1.8 3.2 3.4 1.3 .1 .3 .1 .3 .1 .3 .1 .8 .9	- -		.	u) •	۴.	æ	• 1						2.3	12.9
1.6 .5 .6 .9 2.2 1.6 .5 1.3 .1 4.7 .1 2.4 4.6 5.0 1.5 .1 .1 14.7 .1 5.3 5.1 4.2 .9 15.5 15.5 .2 1.8 3.2 3.4 1.3 10.0 .1 3.1 3.0 2.2 .1 .3 .1 8.9	SSE			1.1	· .								2.2	12.1
1.6 .5 1.8 1.3 .1 4.7 3.4 4.6 5.0 1.5 .1 .1 .1 14.7 1.1 5.2 5.1 4.2 .9 15.5 1.2 1.8 3.2 3.4 1.3 .1 13.1 3.0 2.2 .1 .3 .1 8.9	78.5		•	ъп •	9.	٥.							2.2	14.3
3.4 4.6 5.0 1.5 .1 .1 15.5 1.1 5.3 5.1 4.2 .9 15.5 1.2 1.8 3.2 3.4 1.3 10.0	78 SS 38		1.0	٠ د	n• €	1.3	-						4.7	15.1
•1 5.3 5.1 4.2 •9 15.5 15.5 15.5 10.0 1 10.0 1 10.0 1 10.0 1 1 1 1 1 1 1 1 1		•	7 • (*)	9•4	9.0	1.5	•	• 1					14.7	11.0
.2 1.8 3.2 3.4 1.3 10.0 10.0 10.0 10.0 10.0 10.0 10.0	323	7	M) • •)	5.1	4 • 2	o. •							15.5	9.5
6.1 3.1 3.0 2.2 .1 .3	3	٤.	1.8	3.2	3.4	1.3							10.0	11.0
	302	• 1	3.1	3.0	2.2	• 1	•	• 1					8.9	7.6
	כשרא '	mmm.	,,,,,,,,		,,,,,,,,,	mmm	,,,,,,,,	,,,,,,,,	,,,,,,,,,	11111111	,,,,,,,,,,	,,,,,,,,,	19.2	,,,,,,
74111111111111111111111111111111111111	7014101	2	2 1 6	11 11 6	0, 6	o x	1	۲.					0.001	æ

PEDCENTAGE FREUENCY OF CCCURRENCE OF LURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC

1

			:		• •			•	HONTHE	OH NAU	URS (LST): ALL	
□ ~		1 1 5	7-19	11-16	17-71	SPEE C 22-27	IN MN015	34-45	41-47	48-55	95 39	TUTAL	HEAR
	. C1		(V)		• ~1 • ~1 • •	• 12	•	•	•	•	•	6.5	0
W Z		4.	•	?	٠	€9 •						3.4	11.9
 2			٠ <u>.</u>	٠.	•	•	•					3.2	11.2
ENE	:	.,	٠.	•	' :	•	•					5 · t	10.1
 u	P/)	÷	. ,	•		•						2.4	φ . θ
£ 5£	•	•	3	<i>i</i> •	·•	•						2.1	11.3
SE		*	٠	÷.	(*	•						1.8	10.8
SSE		.	•	3	'	•						1.7	11.0
у	•	•	1.6	•)	.	•						2.8	11.1
3 2 5	· 3	•	•	<u>۽</u>	6	• 1	<i>U</i>					2.0	12.2
72 VS	• 1	3	. 7	1.3	•	. 1	3 •					2.9	12.8
303	•	o. •	1.4	1.9	ຫ •	. 1	•					5.0	11.7
	• 2	6 .1	3 - 1	5 4	1.0	•	J•					15.1	11.2
3 2 3	۲.	M) *	4.7	3 • 3	1 . 4	• 1						13.5	10.4
·	٠.	1.1	4.1	3 • 3	1.3	.						11.1	10.7
3 2 2 2	2.	1.3	#) *)	€1 •	3	. 1	J•					9.1	6.6
VARIABLE					•		•		•	•	•		
CALM 1					mmmi	,,,,,,,,	,,,,,,,,,				,,,,,,,,,	15.0	,,,,,,
1014101	3 . C		(; (•	r					(,

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSFRYATIONS CLUEAL CLIMATOLOGY BRANCH USAFLTAC AIR MEATHER SERVICE / MAC

4-6 7-16 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL HEAN 7.7 6.6 8.5 7.6 5.3 111111 11.9 8 • 00 11.3 6.6 1.6 9.2 10.6 8.5 12.1 HOURSILST): 0030-0200 22.1 100.0 3.8 9.6 11.0 2°C1 13.4 1.8 3.2 2.1 2.4 1.2 5.0 5.6 80 8.3 3.4 2.2 77-86 PERIOD OF RECORD: MONTH: FEE • ٦. 6.5 1.1 1.1 5 ₹. 9 STATION NAME: OTIS ANGE MA 20.3 3.0 5.6 5.8 1.3 • **≯**.∨ 1:1 9 2.3 2.1 2 28.0 5.2 3.3 3.5 1:1 ₹. (1 u) ۲. φ. • 3 1.9 ~1 ~1 ŧ. 1.2 ď 9 STATION NUMBER: 725060 ٠. ت Ç ٦. ٦. Ç 1-3 VARIABLE DIRECTION (DE GREES) TOTALS CALM スペス N S S 74 S (2 3 2 3 S 3 2 ESE SSF L.: 22 22 ENE SE W Z Z.

PEACENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS CLUBAL CLIMATOLOGY BRANCH USAFETAC A IR WEATHER SERVICE/MAC

77-86 PERIOD OF RECORD: STATION NUMBER: 725060 STATION NAME: OTIS ANGB MA

	,	,		•	2	SPEEC	2						
UDECREES)	1-3	9-7	7 -10	11-16			28-33 34-	<u>ي</u> ت	41-47 48	48-55	6E 56	T(TAL \$	MEAN * IND
z	C	1.7	m	1.9	1.1	1 4	•	•		•	•	8.2	10.8
NNE -		9•	30	6.								3.1	12.0
ш ш Ц		6.	4	<u>د</u> •	•	• 1						2.1	11.2
ENE	• 5	. 7	1.1	9								2.1	B . 7
. 		.	• 5	1.5								2.2	10.7
ESE		• 1	• €	• 2								σ.	80 •
SE 				.,								1.4	11.7
SSE		•	• •	•	4							2.1	10.7
s		9.	1.4	• 1	•	-						3.2	12.0
3.58		fy •	Cy.									•	8 • 0
N N		4.	• 1	-	٠.							1.3	13.4
# S #	~	u 5 •	1.1	1.7	2.							3.5	10.7
· — -	3	بر د	2 • 8	1.7	• 1							8.2	6.1
3 2 3	• 1	2.6	5.6	2.2								10.5	0.6
3	.	4.0	5.6	3 • 8	မာ							14.2	9.3
3 2 2	•	3.5	2.8	3.1	.	• 1						11.0	1.6
VARIABLE !				•						•			:
CALM		· · · · · · · · · · · · · · · · · · ·	mmm.	mmmi	,,,,,,,,,,	,,,,,,,,,,,			,,,,,,,,,	111111.	,,,,,,,	24.1	,,,,,,
TOTALS	2.4	15.7	27.3	19.7	6.1	9•						100.0	7.5

PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY ORSERVATIONS SLUGAL CLIMATOLOGY SKANCH USAFETAC AIR WEATHER SERVICE/MAC

I

STATION NUMBER: 725060	: 725060	STATION NAME:	х В ж П	OT IS ANG	ANGB MA				PERIOD OF RECOMMONTH: FEB	PERIOD OF RECORD: MONTH: FEB HOL): 77-86 40URS (LST):)RD: 77-86 HOURS(LST): 0600-0800	000
DIRECTION 1-3 4-6 7-10 11-16 17-21 22- (DEGREES)		9-3	7-10	1 1-16	17-21	. Ä 2	HIND SPEEC IN KNOTS 17-21 22-27 28-33	34-40	41-47	48-55	GE 56	EC IN KNOTS 7 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN 7 LECT REPORTED TO THE PLANT OF THE PROPERTY OF THE PRO	MEAN FIND
	ហ	6.	2.4] . B	:	•	•	•	•	•	•	**************************************	10.5
N E		.,	1.2	1.7	4	3						4.3	12.0
N N		uc •	*	3	.	•						2.2	& °
F F	• 5	1.2	1.1	3 . 4	.1							3	4.0
ш	• 5	ic.	• 6	1.1								2.4	9.6
383		n.	9	• 2								1.3	بر در در
38			c.	ω·	7.							1.7	10.8
SSE	~•	3	9.	ខ្ម	5							2.0	13.1
s			•			. 1						2.7	11.2
HSS	7	3.	3	1.1		• 1						2 • D	10.8
35.0		•	• 2	9.	3							1.8	11.3
38 30 38	•	۲.	•	1.2								3.0	1.6
3	• 1	3.5	e M	J • I	• 5	• 1						0 • 6	8 • 2

? •	9.2	5 • 5	:	:	œ,
	٥			1111	7.8
11.6	13.5	12.3		20.0 /////	100.0
			VARIABLE 1		• 1
			•	,,,,,	
	.	3			1.5
•	7.	<i>3</i> .		,,,,,,,,,	4.3
3.3	3.0	3.5	:	,,,,,,,,,,	22.2
۵ •	# ° W	3	:	,,,,,,,,,	28.1
5	4.1	3 • (%)	•	,,,,,,,,,	2.8 25.9
3	٠ <u>.</u>		•	· · · · · · · · · · · · · · · · · · ·	2 . 8
7 2 3		32 2	VARIABLE	CALM	TOTALS 2.8 70.9 28.1 22.2 4.3 1.5 .1

PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OFSFRVATIONS GLOBAL CLIMATOLOGY BRANCH A IR WEATHER SERVICE / MAC USAFETAC

77-86 PERIOD OF RECORD: STATION NUMBER: 725060 STATION NAME: OTIS ANUB MA

12.0 11.0 9.6 12.5 16.0 10.6 10.4 9.3 11.5 13.1 J . C I 11.1 11.8 12.1 10.5 13.1 111111 PINC. TEAN HOURS (L'T): 0900-1160 3.0 8.2 4.7 2.8 ر 2•0 2.6 5.8 5.5 7.4 6.5 13.5 8.0 100.0 TCTAL 99 GE 48-55 MONTH: FEE 41-47 34-45 #IND SPELC IN WNOTS 17-21 22-27 28-33 Ξ. 3. ¿ φ 5. 9 ٥. 6. 1.1 **.** 5 4 7 • •] • t 3.7 1.8 9.3 ر ب و ب 53.55 ٥. • o. ٥. 7.7 5.1 2 • 5 ٥. 1.1 11-16 1.7 · 3 1.2 7 . 1 3.8 32.6 1:1 1.1 J • t 4.6 ٠ ಎ 1.5 . 7 ... 4.6 7-10 u . 1.3 1.7 1.2 ~ ن) • ۲, ٥. 1.3 . 7 1.3 ₹. 1-4 -7 • 5 ₹. 1 • 3 7 1-3 (DEGREES) DIRECTION VARIABLE TOTALS CALM ZNE ENE SE SSE SSE :8 |S| |E| 3 2 3 18 2 2 لبا 2 Š 3 3 _ s

PERCENTAGE FREGUENCY OF OLCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSFRVATIONS GLOCAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHFR SERVICE/MAC

PEFIOD OF RECORD: 77-86 MONTH: FEE HOURS(LSI): 1200-1400 STATION NUMBER: 725060 STATION NAMF: 0115 ANGE MA

OF GREEST 1	n •) •) }	7	90	*	1110
	•	1.1	3.1	• 40 • 10	1.7					•	10.2	12.9
 UZ Z	• 2	•	2.1	(1	1.2						6.5	12.1
 uz		٠	1.8	1 • 8	₹.						4.5	11.1
ENE	• 1	Ť	ω •	÷	មា •	• 1	7				3.1	12.4
		.7	± •	10	7.		7.				2.6	10.2
f SE		3.	æ	1.1	-	• 2					2.6	12.3
30	-	ν. •	ъ •	1 • 4	7.						3.0	10.6
SSE	-		3	6.	3.						1.9	12.1
"	5	• 5	1.4	1 • 3		3					α • <u>F</u>	11.6
~ *55		<u>ن</u>	1.1	1.1	3	•					3.1	11.7
3.6		. °	. 7	1 • 3	3	• 1					3.0	12.4
303		1.2	3.3	4 • 3	1.9	•					11.1	12.6
3	:	0.7	0.4	80	. 7						10.6	16.3
3 2 3	3	٠٠	\$ •	ស •	\$						11.9	10.5
ž		α •	3.1	5.1	1.3	•					8 · C	12.8
ENE F		v •	2.0	ກ ເ	το •	• 1					* 9	12.7
ABLE		•			•		•		•		•	:
CALM	,,,,,,,,,,,	,,,,,,,,,	,,,,,,,,,,	,,,,,,,,,						 ,,,,,,,,,	5.1	,,,,,,
TOTALS	1.5	12.2	35.9	37.2	10.4	2 • 4	3				100.0	11.2

PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WING DIRECTION VERSUS WIND SFEED FROM HOUMLY OBSERVATIONS GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR AFATHFR SERVICL/MAC

N NUMBER:	725060	STA 110N	NAME:						PEPIOD OF RI Month: Feb	RE COR	10: 77-80 HOURS (LST):	8. 1: 15J0-1700	002
00 NO	:	9 1	7-10	1 1-16	7-2	SPEE D 22-27	N KNO 28-33	15 34-45	41-47 48-	5.5	95 39	TCTAL ME	
	. (4		2.7	• M	1 . 1		7	•	•		•	0.6	11.5
al al		1.1	2.0	1.5	1.2							6.0	11.9
- -	.1	1.1	8 • 1	2.0	٥.							5.9	11.2
البا 2 بيا		6.	1.2	3.	.2		• 5	. 1				3.1	12.0
. .		• 6	1.5		ភ							2 • 3	8.6
38.2		3	1.2	α· •		-	.1					2.6	11.6
35		5.	.,	.,	3							2.1	10.0
7 S.	-		1.3	3.								1.9	6.1
	~	[4 · 2	1.2	<u>ه</u>	4							4.7	a, 2,
***	• 2	٠.	2 • E	1.1	(1							5 • 3	1.0
.33		o.	1 • 9	1 • 4	.,							ა.ე	11.0
38	٠,	1.2	t • 1	£.	1.7	f.;	. 1					10.9	11.8
	,	U•1	4.1	7.1	1 • 4							10.9	16.7
'3 2 3		1.5	3.8	77 •	. 1							10.2	11.0
: * 2	7.	. 7	3.2	. Q.	٥.	(4						0.6	12.4
382		· ·	61 •	1.9	1.7							6 • 3	13.0
VARIABLE !	•			•	•	•	•	•			•		
CALM	,,,,,,,,,	MINIMA MARIANTANA	,,,,,,,,,,,,		,,,,,,,,,			,,,,,,,,			,,,,,,,,,,	4	,,,,,,
TOTALS	1.7	15.7	3 5. 5	26.0	12.1	ڻ •	÷	•				100.0	10.7
	•	•			•			•			•		•

9 11 6

PERCENTAGE FOLDURACY OF CCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS ULUGAL CLIMATOLOGY SKANCH AIR MEATHER SERVICE SHAC USAFETAC

#IND SPEE IN ANOTS 7.3 0.6 8.5 10.4 10.5 10.2 1.6 11.0 ř. 11.5 10.7 4.9 7.4 7.3 4.6 11.4 111111 JNIR HOURS(LST): 1800-2600 100.0 7.0 11.6 7.2 89 e 5 5.6 7.7 4 . 8 3.1 2.1 3.1 2.8 9.2 3.4 4.1 16.7 TCTAL **2** GE PERIOD OF RECORD: MONTH: FEE HOU 48-55 41-47 r J Ċ 34-40 ₹. ٦. 28-33 1 · 4 **.** 22-27 5.9 1.2 9 7 17-71 OT IS ANGE 1.2 1 . 1 9 1.1 5.2 4.5 ្ចា• ខ 2.7 **5.** 4 10.5 7 1 1-16 1.1 1.7 . . 100 **5** • 4 رب د . ς. Ω 3•€ .5 27.0 STATION NAME: ٦. : ن : 7-10 O. 1.9 24.5 ٥. ن • Ċ. 1.6 ۲. : 6. . . 7 4. 3 2.1 4 - 6 STATION NUMBER: 725060 . · # 1-3 VARIAPLE DIPECTION (DF 602ES) TOTALS 300 30.3 3 2 3 12 CALF 3 <u>د</u> کرد 3 SE ř. Š 72.2 بر Š 'n

TOTAL NUMPER OF OBSERVATIONS: 846

PERCENTAGE FREQUENCY OF OLCLRRINCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS ULGLAL CLIMATOLOGY BRANCH USAFETAC AIN MEATHER SERVICE/MAC

1

		••••••••••	:									•	
35	1-3	3 - 3		-16	17-21) SPEED 22-27	IN KNOTS 28-33	34-45	41-47	48-55	5 GE 56 T	TCTAL MEA	ME AN TIND
	\$	7.4	2.4		9	. 2	•					8.2	9.7
שאנו	8.	s.	1.2	1.7	1.1							3	12.8
- -	• 5	1.3	•	. 1	.5	-						3.4	9.1
ul U		1.3	1.1	• 5								2.7	7.7
- 	9.	3	3	.,			7.	.1				2.2	10.6
FSE		1.1	•			• 1						2.2	7.8
SF			3	1.1	<i>3</i>	•						2.7	12.1
SSF	ŧ	9.	មា	۲۷.	<i>3</i>							2.0	8 . 3
л Л	• 1	a •	1.5	• 5								2.4	9.2
388		un •	•		•							1.7	10.1
:e .v	•	ي. •	.2	4	.1							1.8	10.3
3 3 3		 	1.7	1.5	• 2							5.0	6.5
*	3	4.1	2 · 8	,	٠.							11.9	5. 6
3 2 3	• 2	2.6	9• 5	7 •	٥.							13.8	8.
3	3 .	1.1	2.2	2.1	9.							7.0	10.5
3 2 2	9•	5.6	3 • 0	5.7	1 • 1							6.6	6.0
VARIABLE			•		•			•	•		•		
CALM 17	пининининини	.,,,,,,,,,						,,,,,,,,	,,,,,,,,,		,,,,,,,,	21.3	,,,,,,,
2 14 1 01	a:	4 1 4		7	c •	v	•					ć	•

PLOCIMIAGE FREJUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM WIND SFEED SELVIAL CLIMATOLOUY SAANCH USAFLTAG AIS WEATHER SERVICEZMAG

• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•					•	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • •			• • • • • • • • • • • • • • • • • • • •
LIMECTION (Ufforthal)	P-7 +	4 - t	7 -1 (11-16	17-21 2	10 SPEEU 22-27	18 MNO 18	34-43	41-47	48-55	6E 56	TCTAL 2	MEAN WIND
 		· · · · · · · · · · · · · · · · · · ·	V */3	9 • (-	6	• 17.	. C./		•	•		90	11.1
- 		43	ភ •	1.5	ю •	€°4	•					4.7	12.2
ш 2	• 1	٥.	C •	ĵ.	ម! •	• 1	٠ <u>.</u>					5°	13.9
 UN U		°.		a •	2.	•	(T) •	<u>.</u>				3.1	15.1
	·	1.	. 7	•	• 1		.,	o.				2.6	6.5
ESE	r. •	7	~	3.		. 1	<u>د</u>					2.0	10.4
SE	-	u² •	ω •	7	ξŲ.	•						5. 4	10.2
SST	f. •	3	. 7	•	N1	•						2.2	10.0
· · · ·		. 7	7	7.	N's		⊙					3.1	10.1
	-:	3	6•	9.	•	•						2.4	10.6
SE SE	•	٠.	с. •	•	3.	•						5.6	10.9
HSH.		1:1	2 • 3	C.,	. 7	• 1	e.					6.3	11.3
3	*·	•	₩.	<u>ئ</u> د	•	•						10.1	0.
3 2 3	~)		7	743 6 743	9.	•						10.8	10.1
3	··		ν. •	3.6	ن	•						10.9	10.6
1 2 2	•	1	J • £	· .	1.0	ts. •						9 • 0	10.7
VARIAFLE I	:							•	•	•	•		
CALV	mmmmmmmmmmm	,,,,,,,,,	,,,,,,,,,	,,,,,,,,,	,,,,,,,,,						,,,,,,,,,	15.3	//////
	ŕ				,		•						

TOTAL AUMPLE OF CHSEPVATICHS: 6708

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS ULGEAL CLIMATOLUGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

PERIOD OF RECORD:

STATION NUMBER: 725060 STATION NAME: 01 IS ANGR

Σ

					ZHE	O SPEED	STONA NI						
		2 1 1 1 1 1 1 1 1 1	7-10	11-16	17-21 23	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL \$	MEAN
2	Li)	<i>y</i>	2.9	2	. 60	· m)	•		•	•	•	6.1	8 6
	•••	•	1.7	2 • 3	٥.	2.						9 • 9	12.1
<u> </u>		.	N1 + +	φ.	9.	•	۳۱ .					3.9	13.6
ENE		. 1	٠. ت	(4	\$							2.0	11.0
		Mi •	ď; ♣	*	\$							2.3	12.2
ESE		۳.			.1							J	8. 8
SE	-	7 • t	.1	6.	ம் •							3.0	10.0
SSE	.1	3	M.	٠ هن	• 2							1.8	10.1
s		1.0	1.7	1.3								4.1	9.3
3 S W		a	1.2	1.2	÷.							3.4	10.7
		1.5	2.7	1.1	\$							5.8	9.6
38.4	.2	1.3	2.4	1.9	• 5							4.9	10.4
3	~.	5.3	3.9	1.8	• 3							8.6	6.5
3 2 3	ů	4.7	¥•£	1.9	1 · C							9.1	6.0
3 2		1.7	6 • 2	1.9	6.	3						8.1	10.7
3 2 2	₹	(y (y	2.2	1.4	o. •	• 1						7.1	1.6
VARIABLE		•	•	•	•	•			•	•	•		•
CALM 1	mmmmmmmmmmm			,,,,,,,,,	,,,,,,,,,			,,,,,,,,	,,,,,,,,	,,,,,,,,,	,,,,,,,,,	19.2	,,,,,,
TOTALS	2.9	15.2	28.4	19.8	6.7	1	٤.					100.0	ಪ ಬ

STATION NUMBER: 725000	725000	STATION NAME		OTIS ANGB	α ¥				PERIOD O	F RECOR	D: 77-86 HOURS(LST):	.86 .): 0300-0500	1500
		•			120		A LON X				•		
DIPECTION (DEGRZES)	1-3	9	31-2	11-16	17-21	22-23	28-33	34-40	41-47	48-55	6E 56	TUTAL	MEAN
		1.4	• u1 • • • • M)	# 2	1.3		•	•		•	•	8.7	11.1
E E	• 1	1 - 1	1.0	1 - 3	1.1	• 6	• 5					3.4	13.9
 J Z	.1	.2	1.4	1.3	. 1	*1	7.					3.5	12.5
I NE		មា •			• 2							2.3	9.6
 		2.	w •	• 1	•	•						2.0	14.1
FSE		1.0	۲۸ •		.2							1.7	1.9
SE		• 5	Ι.		5	•						1.0	15.4
3 S E	7.	.3		• 5	4							1.4	12.5
- - -		6.	1.C	1.6								3.5	8 • 5
33 60		3	٠,	6	9.							2.4	12.5
33 0		1.8	2 •	3.	2.	• 2						5 • 3	6.0
3 3	•	1.7	1.5	2.1	4.							5.8	10.0
·	<i>3</i>	.4	3.7	ν.) •								10.2	9.3
3 2 4		7	4.5	1.9	٠,							6•9	6.5
3 2	-	5.6	3.2	1.3	• 3	•						7.5	2.6
* * * * * * * * * * * * * * * * * * * *		± 1	3.1	1.6	8							7.6	9.5
VARIABLE !						•	:				•		•
CALM 1/		,,,,,,,,,	mmm.	mmm.	,,,,,,,,,			mmi.	,,,,,,,,	,,,,,,,,,	,,,,,,,,,	24.7	,,,,,,

PERCENTABE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS OLGGAL CLIMATOLOGY BRANCH USAFETAC AIR WLATHER SERVICE/MAC

STATION NUMPLR: 725060 STATION WAME: OTIS ANGS MA

_	•				QNI *) SPEEC	STONA NI	NOTS		•		• • • • • • • • • • • • • • • • • • • •	•
DIRECTION IDEGREES)	1-3	3 - 5	7-13		7-21	2-27	rú	34-46	41-47	48-55	6E 56	TCTAL \$	MEAN
	<i>3</i>	.	9 4	či M	0 - 1	(N)	•	•	•	•	•	11.1	10.9
UZ Z		æ •	5•	2 • tt	œ •	•						5.2	13.6
(L)	7	1.1	u)	9.	• 2	*						2.9	10.8
 	Ç	-	<i>c.</i>	\$.	\$		•					4. 5	12.6
- 	• 1	ب	1.3	\$		€ 9	.1					3.0	11.1
r SE		u * •	* :	3.	M.							1.6	10.3
Sí	:	1.1	M) *	• 1								1.7	7.0
355	•	• 2	9	3	~							1.5	6.6
 در	•	1.3	1.4	1.0	3							6.4	1.6
SSE		u)	5.	1 • 2	Γ2 •							5 • 6	15.6
3.	•	°.	1.7	1.5	۴,		•					4.0	10.9
35.3		1.8	2.6	1.0	. 2							9•9	9.1
	<u>.</u> •	1.6	3.2	7.1	n	•						8.0	10.6
		1.6	3.1	F)	\$							σο σ.	10.8
3 2	•	2.6	2.3	2.3	3.	. 1						0°8	3.0
3 2 2	•	1.6	3.1	C • C	:: •							7.6	10.2
VARIABLE !	•		•	•		•		•	•			•	
CAL* 1/		,,,,,,,,,	mmm.	· · · · · · · · · · · · · · · · · · ·	,,,,,,,,,	1111111	mmmi	,,,,,,,,,	,,,,,,,,,		,,,,,,,,,	18.9	,,,,,,
TOTALS	7.4	17.6	O • d ₹	24.5	6.7	1.6	*1						4

PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS ULUGAL CLIMATOLUGY BRANCH USAFETAC AIR KEATHER SERVICE/MAC

1

••••••••••						•••••	••••••	••••••					
DIPECTION (DFGREES)	1-3	4 - 6	7 -10	1:-16	17-21	. SPEEC . 22-27	MIND SPEEC IN KNOTS 1 22-27 28-33	34-48	41-47		GE 56	TCTAL	MEANIND
	• M	1.1	1.5	3.5	1.0	~	. 1			•		7.8	12.4
ы 2		6) *	3.0	C •	2.5	ۍ •	•					10.9	14.0
L.		•	œ •	1.7	• 2	•						ឆ * ស	12.4
FNE	.1	M.	1.2	1.7	3	• 1						3.9	12.1
. .	Ċ1	œ •	1.1	ţ.		• 1	.2					5.9	10.7
: SE		т •	ъ •	1.0								2.5	9.6
\$£		3	o: •	1.1	• 2							2.6	10.9
2.55		ac •	1 • C	<i>‡</i>								2.2	3 8
л	.1	1.1	1.7	1.3	.1	-						3 3	9.3
N S S	. 1	•	2.1	61 63	αc •	•						6.9	11.7
3		9.		1.0	1.5	ហ •						5.1	13.9
3	.1	٥.	3 • 6	2.2	1.5	J						7.1	12.9
,		1.4	1.2	2 • 8	1.3							8.9	12.0
18 28	• 5	•	5.2	7.2	1 • 4	• 5						12.6	12.9
		٠.	2.5	55) • ₽3)	٠ د	N ,						7.5	12.0
3 2 2	**	•	2.6	- y - M	٠ د	• 1						7.3	11.4
VAKIABLE	•	•	•	•	•	•	•			•	•	•	•
CALM				11111111	,,,,,,,,,,			,,,,,,,,,	· · · · · · · · · · · · · · · · · · ·	minn.	,,,,,,,,,	6.1	//////
	•	•		,	•	*	L					6	

TOTAL NUMBER OF CRSEKVATIONS: 930

PERCENTAGE FREJUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLUBAL CLIMATOLDGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

			•			••••••				••••••••			•
CTICN REES)	1-3	9-3			7-21	SPEEC I	N KNOTS 28-33	34-46	41-47	48-55	GE 56	· -	MEAN
			1	2.9	1 . 4		.2	•	•			6.8	13.9
- -		ן•נ נ	7.2	3.5	1.9	•	₩.					10.3	14 • 1
		1.0	1.8	1.9	.	•				.1		5.3	12.1
u v		÷.	1.9	1.1	м .							o •	10.4
		1.1	1.2	• 5	m *			• 1				2.9	8.6
1 5 5	-	ů.	1.0	6.								2.5	7. 6
SE	.2	-:	1.6	1.6								3.5	10.2
388		• 2	1.7	1.0	• 2							3.1	10.7
v	.1	1 · c	2 • 3	1.2	\$							5.6	9.1
		1.1	₽ • C	(.)	6.		7.	•				6.1	11.9
- - -		1.0	5.1	4	9.	•						6.3	12.5
3 5 3		•	2.0	5.3	2.5	7						9.6	14.4
1	•	3	3.3	3 3	2 • 8	•						11.5	13.3
32.4		<i>3</i>	2.1	я ю	1.8	~						9.1	12.8
ż		.	1.9	9.6	1.2	. 2						6.7	13.3
' Z			1.7	œ -	2.							3	11.0
VARIAPLE	•	:	•							•			
CALM		,,,,,,,,	,,,,,,,,,	,,,,,,,,,,		minni	,,,,,,,,,	,,,,,,,,		,,,,,,,,,,	,,,,,,,,,	2.7	,,,,,,
1014LS 1	a:	2 1 1	5 13	.1	- 31	2 . 8	æ	r		-		0.0	r.

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

#IND SPEEC IN KNOTS 4-c 7-10 11-16 17-21 22-27 28-33 34-4C 41-47 48-55 GE 56 TCTAL MEAN 14. 6.4 10.4 10.0 8.3 13.8 12.9 13.2 12.6 12.2 12.5 13.2 13.0 10.5 8.3 11.9 9.1 ONIB HOURS (LST): 1500-1700 2.0 4.7 10.8 3.8 6.6 5.8 æ• **4** 5.9 3.4 3.9 9•9 5.5 6.3 8.7 7.1 77-86 PERIOD OF RECORD: MONTH: MAR HOL 3 ٦. ~ a, • 1.2 1.7 1.8 6 6. 5 ٦. **.** ٦. OT IS ANGE MA 3.5 3.3 1.2 1.7 . . 6.4 5.9 3.4 6.0 1.7 **†** • • 6. 1:1 u1 ¢. 1 · C 2.7 S • S 1.3 1.6 2.4 3.2 2.5 2.8 3.8 1.5 1.9 • 6 STATION NAME: 1.2 1.9 C) • 1.0 1 3.7 ~ 2. 1.1 ۱<u>.)</u> 1.2 ζ, ٥. 1.4 <u>ء</u> • 6 GEOGAL CLIMATOLOGY BRANCH USAFETAC STATION NUMBER: 725060 A IR WEATHER SERVICE / MAC ۲**۰** 1.1 Ç 7 ~ 7 1-3 (DE 6R = ES) DIRECTION VARIABLE ESS CALM SSE 322 2 7 7 1 ESE **₹** 353 3 2 3 W Z 3 Z Š S u.J

PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLUGAL CLIMATOLOGY SKANCH USAFETAC AIM MEATHER SERVICE/MAC

•													
JIRECTION	1-3	4 - 6	7-16	1 1-1 6	#IND 17-21	SPEE C 22-27	IN KNOTS 28-33		37	1.5	GE 56	ر ا	MEAN
	\$	1.1	1.9	2.3	• M	2		•	•			9	11.1
N. N. F.	M.	1.3	2.3	1.0	ಯ •	•						6.2	11.8
NE		1.3	1.6	•	۴.	- 3	.1	.1				O •	11.1
E N	~	œ •	M •	6.	<u>٠</u>			.1				3.7	10.8
		3	6.	m •	(7	•						2.4	10.9
E SE	.1	1.0	œ •	1.0	មិ	• 2						3.6	11.8
SE	<i>5</i> .	°.	1. C	æ	• 5							3.2	8.7
252	.1	ð • ¶	•	6								3.6	7.2
·	~	2.3	1.2	1.2	.2							5.1	89
HS S	(1	1.9	1.4	7.	J							5.4	6.5
35	-	1. e,	2.6	1.5	۴.	•						6.5	6
	so.	2.5	M . W	5.9	٠. د	•						10.2	10.2
	٠,	ц •	2.2	5.4	8							6.1	11.4
3 2 3		1.4	2 • C	2 • 3	1.6	• 1						0 • e	12.3
 Z	٠.	1.1	2.3	2.5	ω.							7.0	11.5
31 2 2	Č.	1.0	1 • 3	2.2	۶.	. 2						5.2	11.3
VARIABLE !	•	:	•	•	•			•				•	
CALM	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,			,,,,,,,,,,			,,,,,,,,,	,,,,,,,,,	,,,,,,,,,	,,,,,,,,,	13.7	,,,,,,
TOTALS.	~ ~	2.1.2	76.6	24.5	7.6	23	.2	• 2				100.0	5.5

PEPLENTAGE FPEQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS ULGSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•	• • • • • • • • • • • • • • • • • • • •	•	• • • • • • •			•	• • • • • • • • • • • • • • • • • • • •	••••••••••••	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •
DIPECTION (DEGREES)	1-3	9 - 5	7 -13	1 1-1 6	WIND 17-21	3 SPEED 42-27	IN KNOTS 28-33	34-48	24-14	55-84	6E 56	TITAL	MEAN
2		1.4	3.0	1.7	• M							6.7	6.6
 W Z	7.	1.4	1.1	1.2	6.	• 2						37	11.4
144 25		Š,	1.2	‡	9.	7.	2.	• 1				3.6	14.5
E NE		(1	1.2	•5	M.	• 2						2.5	12.6
		υ°,	6.	۳.	• 1							1.8	2.5
ESE		a: •	₩1 •	†	9.							2.2	11.0
SE		•	7	9•	(7	•						2.0	10.8
SSE		1.1	٣.	1.0	<u>«</u>							2.1	10.3
<i>s</i>	.	i.	2.0	1.1								5.2	8.0
1888	:	1.7	1.6	1.3	m •							4.7	9.3
3	• 1	1.1	1.6	1.3	.							4 • 5	10.5
N S M	ñ.	1.5	2.3	1.1	«							æ • 9	4.1
3	7	a. *	2 • B	2.2	9•							un • on	9.5
100	**	1.9	3.1	3.0	1.1	.						6.6	11.3
3 2	• 2	0.1	2.6	2.2	æ.	F1						8.1	16.8
NN C	• 2	1.5	1.4	1.9	٣,	• 2						, • 6	10.4
VARIABLE	•		•	•	•	•	•	•		•	•	•	•
CALM	***************************************	mm.				,,,,,,,,	,,,,,,,,,	,,,,,,,,,			,,,,,,,,,	20.5	,,,,,,
	,	(;		,			•					i

PERCHATAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM YOURLY OBSERVATIONS OLDVAL CLIMATGLOGY BRANCH OSAFLTAG

1-3	•) 2	-			<u> </u>				MONTH:	MONTH: MAK HO	URS (LST1: ALL	
1. 1.2 2.6 3.5 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	ECTION 1	1 - 3		7 -10	: 1	17-21		IN KNOTS 28-33	34-45	•	48-55	• W	1(TAL	•
1.1 1.6 1.9 2.3 1.3 6 .1 7.3 1.1 1.5 1.4 1.2 .4 .1 .1 .0 .0 .1 1.1 1.5 1.2 .4 .1 .1 .0 .0 .1 .1 1.1 .5 1.2 .4 .1 .0 .0 .0 .2 .2 .1 .0 .0 .2	. — -	• 1-1	1.2	. C4	:				•	•	•		7.7	11.5
7.1 8.6 1.4 1.0 4.4 1.5 4.1 6.1 6.1 4.1 6.2 4.1 6.2 <td> GN 2-</td> <td></td> <td>1.0</td> <td>1.9</td> <td>2.3</td> <td>£;</td> <td>•</td> <td>• 1</td> <td></td> <td></td> <td></td> <td></td> <td>7.3</td> <td>13.2</td>	 GN 2-		1.0	1.9	2.3	£;	•	• 1					7.3	13.2
.1 .5 11.7 .8 .4 .1 .1 .0 .0 .0 .2 .5 .	- - -	c. •	ω	1.4	1.0	<i>3</i>	•	:	a•		ນ•		4.1	12.1
1.1 .6 .9 .4 .3 .1 .9		-	<u>u</u> ñ •	1 • 3	1 0	3	•		C.				3.2	11.1
.1 .6 .6 .3 .6 .3 .6 .2 .6 .6 .2 .6 .6 .6 .6 .6 .6 .6 .6 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 <td< td=""><td> </td><td>:</td><td>9.</td><td>· •</td><td>7,</td><td>*)</td><td>•</td><td>0</td><td>а.</td><td></td><td></td><td></td><td>2.5</td><td>10.7</td></td<>	 	:	9.	· •	7,	*)	•	0	а .				2.5	10.7
1.1 .8 .9 .7 .6 .7 .2 .6 .7 .2 .6 .7 .2 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 <t< td=""><td>f Sf</td><td>•</td><td>• 4</td><td>9.</td><td>9.</td><td>•</td><td>•</td><td></td><td></td><td></td><td></td><td></td><td>2.2</td><td>10.5</td></t<>	f Sf	•	• 4	9.	9.	•	•						2.2	10.5
.1 1.5 1.8 1.3 .2 .6 .1 .9 .0 .0 .0 .0 .4.9 .1 .2 1.6 1.4 .6 .2 .0	SE		.7	α. •	σ: •	. 2	•						2.6	10.0
.1 1.5 1.8 1.3 .2 .6 .1 .9 .0 .0 .0 .4.7 .2 1.6 1.6 .5 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 <	SSE		œ •	•	7.	C1 •							2.6	6 • 3
1 3 1 1 4.7 1 2 1 5 1 2 1 7 1 2 2 1 1 7 1 1 2 2 1 9 1 2 2 2 3 9 1 1 2 2 2 7 1 1 2 2 2 7 1 1 2 2 7 7 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	 .a			1 • 8	1.3	,) •						6.4	9.1
.0 1.1 2.2 1.5 .6 .2 .C .5 .6 5.6 .2 1.3 2.5 2.5 1.0 .7 7.7 .2 1.6 2.6 2.9 1.0 .1 8.7 .1 1.5 2.6 3.4 1.3 .1 9.2 .1 1.5 2.4 2.4 .7 .2 .5 .7 7.5 .2 1.2 2.0 2.0 2.0 .5 .1 7.5	38.88		9	3• t	1 • 4	9•	• 1	6•	0•				4.7	11.1
.2 1.3 2.5 2.5 1.0 .7 .2 1.6 2.6 2.9 1.0 .1 .1 1.5 2.6 3.4 1.3 .1 .1 1.5 2.4 .7 .3 .C .2 1.2 2.0 2.0 .5 .1	3,	.	1.1	(4	1.5	9•	•	u •					5.6	11.1
.1 1.5 2.6 3.4 1.3 .1 .1 1.5 2.6 3.4 1.3 .1 .1 1.5 2.4 .7 .3 .C .2 1.2 2.0 .5 .1	* S	• 2	1.3	2.5	2.5	1.0	•						1.1	11.4
.1 1.5 2.6 3.4 1.3 .1 .1 1.5 2.4 7.4 .7 .3 .0 .2 1.2 2.0 .5 .1	*		1.6	20 62	5 • 9	0	•						7.8	11.1
1 .1 1.5 2.4 3.4 .7 .3 .0 .5 .1 1.5 7.5 7.5 .151515151	3 2 3		1.5	2.t	3 • 4	1.3	•						9.2	11.8
.2 1.2 2.0 .5 .1	* *** ** 2	.1	1.5	2.4	# · C	.7	•	<u>ن</u>					7.5	11.2
	3 2 2	•	1.2	2.0	G • 2	±5 •							6.1	10.7
	CALM	minni	,,,,,,,,,	,,,,,,,,,,			,,,,,,,,	minni			,,,,,,,,,,	,,,,,,,,	13.5	,,,,,,
MINIMALIA MARINA	TOTALS	2.0	16.9	,, ,,	36.0	9.7	a • €	٠ د	7,		0		100.0	6.7

TOTAL NUMBER OF DESFROATIONS: 7457

PERCENTAGE EPRUPENCY OF OUCHARENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMMER: 725060 STATION NAME: OTIS ANGE MA UEULAL CLIMATOLUGY PHANCH USAFETAC AIR MEATHER SERVICE/MAC

				•					•	,			
•	H - 3	4-4-7	-10	11-16	17-71	SPEED IN	N WNOTS 28-33	•		48-55	95 39	TCTAL ME	ME AN WIND
			2.7	1 . 4			-			•		6.9	0 6
u	•	1.1	1.0	1 • 4	<i>3</i>							# #	10.4
ž		1.1		•	m •							2.3	10.7
I NE	Ç4	٥.	1.2	.7								3.0	3
		<u>ن</u>	1.5	<i>a</i>								3.1	& • •
FSE		.,	3	. 7	. 1							2 • 0	10.9
35.		°.	۲.	•	. 1							2.1	4.2
356		1.1	1.	r.								2.7	8
л	9.	• 1	1.4	1.3		-						6.8	7.9
#SS	æ	1 • ®	٠ •	۴.	9.							M •	7.9
. <u>.</u>	·	1.8	1.1	1.3	• 1	•						5.2	5.3
# S #		**	64 64	7.	•	•						6.9	3 00
	, °	•	ن غ	1.7								9.3	7.8
7 2 7	₩7 •	Ст. **	,, ,	1.1	œ •	3						9	10.5
3 2	<i>3</i> .	a. :3	I . E	\$								5 • 6	7.4
3 2 2	n? •	£.	ن • •	1.								5.6	7.4
VARIABLE !		•	:	•	•	•	•	•	•	•	•	•	•
נאנא	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,		mmin		11111111	minni	,,,,,,,,,	,,,,,,,,	,,,,,,,,,	,,,,,,,,,	23.7	,,,,,,
1 2 14 1 01			74.3	15.0	1 - 2		(-				100	4

S P

PERCENTAGE FREQUENCY OF OCCUPRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUKLY ORSERVATIONS SLOUAL CLIMATOLOUY RKANCH USAFETAC AIR WEATHER SERVICEZMAC

25	. m	•	7 - 10	1 1-1 6	IND SPEED 17-21 22-27	L IN 28	34-45	41-47	48-55	GE 56	41-47 48-55 GE 56 ICTAL MEA	M E E E
- ~	٣.	5.7	2.6	α		•		•	•		8	80
اليا 22 12		1.9	1.1	1.6	9•	.3					5.4	11.1
2	• 5	α. •	1.4	10	9.						3.8	10.0
ב עני	• 2	3	\$	٣.	7.						1.9	9.1
		1.2	2.1	3 *	·.						D. *)	a •
F SE		. 7	9.	1.0							2.2	4.6
		.7	1.1	.,	7.						2.7	6.3
5.S.E	•	αυ •	. 1	9.	۳.						1.9	6.5
 Vi	•	1.3	1.2	1.2							4.3	3
SSi		1.1	5.	۳.	-:						2.1	8.5
* S		2.2	1.4	1.6	~ .	• 1					5.8	8.6
35 35	. 3	0 •	1.8	1.4	₹						6.9	9.1
	6•	2.7	3.4	1.2							6.5	7.5
.8	3 •	1.2	(1 •	1.0	9.	6.					6.8	8.2
3 2	₹	*1	2.0	1.0							6.8	7.3
 	2.	1.6	3.6	.							3.8	7.7
VARIABLE		•					•	•				
CAL	nnnnnnnnnnnnnnnnn	,,,,,,,,,	,,,,,,,,	minni		,,,,,,,,,,,,				,,,,,,,,	24.3	,,,,,,
101816		2 4 6	9 000		6.7	7					0	4

(C) TOTAL NUMBER OF ORSERVATIONS:

PERCENTAGE FRESUENCY OF OCCURRENCE OF SURFACE WING DIRECTION VERSUS AIND SFEED FROM HOURLY OBSERVATIONS CLOTAL CLIMATOLOGY BRANCH USAFETAC ATP AFATHER SERVICEZMAC PLPIOD OF MECORD: 77-86
MONTH: APR HOURS(LST): 0620-0600 STATION NUMMER: 725060 STATION NAME: OTIS ANGE MA

. 1 3.0 3.2 . 1 1.1 2.7 . 1 1.2 1.2 . 1 1.2 1.2 . 2 1.1 2.7 . 3 1.7 . 3 1.7 . 4 1.4 1.9 . 4 2.7 4.4 . 1 1.1 3.3 . 1 1.1 3.3	LIRECTION (DEUPEFS)	-	t t	7-10	11-10	17-21	22-27	28-33	34-40	41-47	48-55	6£ 56	TCTAL	MEAN
1.1 1.6 2.1 2.3 1.0 6.8 1.1 6.0 1.1 2.7 1.4 6.0 1.2 1.4 6.0 1.2 1.4 6.0 1.2 1.4 6.0 1.2 <th></th> <th></th> <th>ر اخ</th> <th>2 - 8</th> <th></th> <th>. σή</th> <th>•</th> <th>•</th> <th></th> <th></th> <th>•</th> <th></th> <th>9.3</th> <th>9.6</th>			ر اخ	2 - 8		. σή	•	•			•		9.3	9.6
1.1 2.7 1.4 .6		~	•	2 - 1	2 • 3	1.0	•	۴.					6.8	13.9
.1 1.5 .6 .7 .3 3.4 .1 1.5 1.1 .8 .1 .3 .1 .3 .1 .2 .3 .3 .1 .2 .3 .2 .3 .2 .3 .3 .1 .2 .3 .3 .1 .3 .3 .1 .3 .3 .1 .3 .3 .1 .3 .3 .1 .3 .3 .1 .3 .3 .1 .3 .3 .1 .3 .3 .3 .1 .3 .3 .3 .1 .3	 - -	· ·	1.1	2.7	1.4	.							D•9	10.0
.1 1.5 1.4 1.1 2.7 2.7 2.7 2.7 2.3 2.7 2.3 2.7 2.3 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.4	w Z		1.3	9.		<u>۳</u>							3.0	6.5
1.1 .8 1.3 .1 3.2 3.2 1.2 .4 .7 .3 .2 2.3 1.3 1.3 1.1 2.2 1.0 .2 2.3 1.3 1.1 .9 1.4 .8 .1 5.0 5.0 1.4 1.4 1.8 .3 .1 6.0 1.4 1.2 1.4 1.4 .7 .1 6.0 1.4 1.4 2.7 4.4 .7 .1 9.8 1.4 .1 9.8 1.1 1.1 5.3 2.1 .7 .1 .1 9.8 1.4 .7 .1 9.8 1.4 .1 9.8 1.4 .1 9.8 1.4 .1 9.8 1.4 .1 9.8 1.4 .1 9.8 1.4 .1 9.8 1.4 .1 9.8 1.4 .1 9.8 9.8 1.4 .1 9.8 9.8 9.8 9.8 9.8 9.8 9.8 9.8 9.8 9.8 9.8 9.8			1.0	1.2	1.1								3.4	0.6
.1 .3 1.7 1.3 .1 2.3 2.3 .2 .4 .7 .3 .2 .2 5.0 .1 .9 1.4 .8 .3 .1 5.0 5.0 .2 1.4 1.9 1.4 .8 .6 .1 6.6 1 .2 1.4 2.7 4.4 1.4 .7 .1 6.6 1 .4 2.7 4.4 1.4 .7 .1 9.8 1.4 .7 .1 9.8 1.4 .1 9.8 1.4 .1 9.8 1.4 .1 9.8 1.4 .1 9.8 1.4 .1 9.8 1.4 .1 9.8 1.4 .1 9.8 1.4 .1 9.8 1.4 .1 9.8 1.4 .1 9.8 9.9 1.4 .1 9.9 1.4 .1 9.9 1.4 9.9 1.4 9.9 1.4 9.9 1.4 9.9 1.4 9.9 1.4 9.9 1.4 9.9 1.4 9.9 </td <td>35</td> <td></td> <td>ω •</td> <td>a.</td> <td>1.3</td> <td>. 1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.1</td> <td>7.6</td>	35		ω •	a.	1.3	. 1							2.1	7.6
.2 .4 .7 .3 .2 .2 .3 .2 .3 .2 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .4 .4 .4 .3 .3 .3 .3 .3 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .3 .4 .3 .4 .3 .4 .4 .4 .4 .4 .4 .4 .4 .4 .3 .4 .3 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .3 .4 .3 .4 .3 .4 .3 .4 .3 .4 .4 .4 .4 .4 .4 .4 .4 .4 .3 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 <td< td=""><td>s.</td><td></td><td>M •</td><td>1.7</td><td>ı</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.2</td><td>8.0</td></td<>	s.		M •	1.7	ı								3.2	8.0
.1 .3 1.1 2.2 5.3 .1 .9 1.4 .8 3.2 .4 1.4 1.9 1.3 .1 .2 1.4 1.9 1.9 .6 .4 2.7 2.0 .6 .1 .4 2.7 4.4 .7 .1 .4 2.7 4.4 .7 .1 .1 1.1 3.3 2.2 .4 .7 .1 1.7 2.8 2.1 .7 .1 .1 1.4 2.7 1.3 .7 .1	35.	ru.	3	1.	m •	• 2							2 • 3	10.3
3.2 3.2 3.2 3.2 3.4 3.4 3.4 3.6 3.7 3.8 3.1 3.7 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8	.n	M	1.1	2.3	1.0	• 5							5.0	0.5
.4 1.4 1.9 1.4 .3 .1 6.0 1 .2 1.8 2.0 .6 1 0.6 1 .4 2.7 4.4 1.4 .7 .1 0.8 0.8 .1 1.1 3.3 2.2 .4 .3 0.8 0.8 0.8 .1 1.7 2.8 2.1 .7 1.3 0.9 1 .1 1.4 2.7 1.3 0.8 0.8 0.9 1	3.5	•	٥.	1.4	ω								3.2	٠ •
.2 1.8 2.0 .6 6.6 .4 2.7 4.4 1.4 .7 .1 .1 1.1 5.3 2.2 .4 .3 .1 1.7 2.8 2.1 .7 .1 1.4 2.7 1.3	*	3.	1.4	1.9	1.6	*``	•						6 • 0	4.1
.4 2.7 4.4 1.4 .7 .1 1 .1 1.1 3.3 2.2 .4 .3 1 .1 1.7 2.8 2.1 .7 1 .1 1.4 2.7 1.3	· · · · ·	Ċ.	₹ •	2 • C	2 • 0	•							9•9	16.0
1 1.1 3.3 2.2 .4 .? 1 1.7 2.8 2.1 .7 1 1.4 2.7 1.3 5.2		<i>3</i>	2.7	3 • 5	1 • 4		-						6	9.1
.1 1.7 2.8 2.1 .7 6.9 1 .1 1.4 2.7 1.3 5.2	``e .2		1.1	3.3	7.	3 .	N *						7.6	10.9
1 .1 1.4 2.7 1.3	2		1.2	(1 •	2 • 1								6.9	10.1
	- - -		1.4	2 • 7	1.3								5.2	6.7
	CALM		,,,,,,,,,	mmm					,,,,,,,,,	minn.	,,,,,,,,,	,,,,,,,,,	13.0	,,,,,,
13.0	TOTALS	5.0	21.02	33.8	22.9	9 0	æ:	f-7 •	. 1				100.0	8.7

PERCENTAGE FREQUENCY OF OCCURRINCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM TROP SPEED. OLUZAL CLIMATOLUGY BRANCH UBANLTAC AIN WEATHER SERVICEZMAC

DIRECTION 1-3	CLURCETION 1-3	TATION NUMM	725060	STATION	N AME :	OTIS ANUB	Ψ Ψ				PERIOD (ERIOD OF RECORD: MONIH: APR HO	URS (1160
No.	NE 1.1 2.2 NE 3.1.1 2.2 NE 4.2 L	DIRECTION (DEGRES)	:		7-10	1 1-	17-21	D SPEEC	• Z 0	34-45	•	• 1	6E 56	TCTAL	
No.	NNE	:		1.1			:		•	•	•		•	7.6	12.7
NF NF NF NF NF NF NF NF	HNE L L L L SE SSW NNW NNW NNW TOTALS HNE HNE HNE HNE HNE HNE HNE HN	L.; 25. 27.		N1 •	m • •	# *1	2 • 3		•1	• 1				9.3	14.7
FME L L L L L L L L L L L L L	# # # # # # # # # # # # # # # # # # #	u. Z	*	1.1	2.2	3.2	1.3	•		. 1				8.7	12.6
L SE	# F & F & F & F & F & F & F & F & F & F	W 2 -		3		1.1	.1	• 1						2.4	11.0
F.S. F.S.	F.SE	لىد			1.1	1.1	٣.	•	. 1					3.6	12.1
SE .3 1.7 1.1 .2 .4 SSW .3 1.7 .3 .4	S	t.sE			1.3	° .	•							0.4	10.8
55E 3 1.7 .3 .4 2.8 5.8 55U 1.0 2.3 1.9 .4 5.1 5.8 55U 1.0 1.9 .4 .3 1.0 5.1 5.1 55U 1.0 1.3 .3 1.0 5.1 5.1 55U 1.1 1.2 2.0 1.3 3.3 10.2 5.1 5.0 1.1 1.2 2.4 1.1 3.3 3.2 3.4 3.1 3.2 3.4 3.2 3.4 3.2 3.4 3.2 3.4 3.2 3.4 3.2 3.4 3.2 3.4	SSW 1.7 SSW 1.6 2.3 SW 1.6 2.3 SW 1.6 1.9 "NSW 1.6 4.5 "NW 1.1 1.6 4.5 NN 1.1 1.6 4.5 NN 2.4 NNW 2.1 2.4 TOTALS 1.7 34.4 3	S£		· ·	1.	1:1								3.2	10.6
SSW	SSW 1.0 2.3 SSW 1.0 1.9 SW .3 1.6 NW .0 3.7 NW .1 1.6 4.5 NW .1 1.6 4.5 NW .1 2 2.4 NWW .2 1.2 VARIABLE 1.7 2.4 TOTALS 1.7 34.4 3	13 ST		٠.	1.7	~)	7							2.8	11.0
SSW 1.0 2.0 1.0 2.0 1.0 5.1 SSW .0 3.7 4.0 1.3 .3 5.1 SSW .0 3.7 4.0 1.3 .3 9.1 NW .0 3.2 2.4 1.1 8.2 9.1 NNW .2 .2 .3 .6 .2 .8 .3 VARIABLE .2 .2 .2 .4 .4 .6 .2 .7 .4 .8 .7 107ALS .3 .4 .4 .4 .4 .4 .4 .4 .4 .6 .2 .7 .4	SSW 1.6 1.9 SW	Ŋ		1. C	67 *	1.9	*							5.8	10.5
SW .0 3.7 4.0 1.3 .3 10.2 NW .1 1.6 4.5 2.1 .3 10.2 NW .1 .7 2.4 1.1 .6 .2 .3 NAMIAFIE .2 .2 .2 .6 .2 .6 .2 .2 .2 2ALM .7 .1 .4 .3 .4 .2 .4 .2	NSW .0 3.7 NNW .1 1.6 4.5 NNW .1 .7 2.4 NNW .2 3.2 VARIABLE 2 1.2 TOTALS 1.7 11.4 34.4 3	# S S		ŋ•t	7.0	2.1								5.1	10.5
N.W. 1. 1.6 4.5 2.4 1.1 7.6 3.2 3.4 3.2 3.8 3.7 4.0 1.3 3.7 4.0 1.3 3.1 1.0 1.0 1.2 3.1 1.1 1.6 4.5 3.2 2.4 1.1 7.6 3.2 3.8 8.2 7.8 8.2 7.8 8.2 8.8 8.2 8.8 8.2 8.8 8.2 8.8 8.2 8.8 8.2 8.8 8.2 8.8 8.2 8.8 8.8	NSW .0 3.7 NW .1 1.6 4.5 NW .1 .7 2.4 VARIABLE2 1.2 VARIABLE2 1.2 TOTALS 1.7 34.4 3	DK CS		<u>۳</u> ۱	1	2 • 0	1.0							5.1	12.7
N. N	NN .1 1.6 4.5 NN .2 3.2 NNW .2 1.2 VARIABLE2 1.2 CALM 1.4 34.4 3	35		•	3.7	0.4	1.3	•						10.2	12.3
NW 1 .1 .7 2.4 1.1 8.2 8.8 NW 2 .2 .2 .9 .6 .2 VARIABLE CALW 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.	NNW .2 .2 1.2 NNW .2 .2 1.2 VARIABLE	•		1.6	€: #	3.1	۴.							9.1	10.4
NN .1 .7 2.4 3.2 .3 8.2 .3 8.2 3.3 NNW .2 .2 1.2 .9 .6 .2 3.3 3.3	NNU .2 .2 1.2 NNU .2 .2 1.2 VARIABLE SALM	.s 2		လ •	3.2	± €	1.1							7.6	11.8
NNW .2 .2 1.2 .9 .6 .2 VARIABLE SALW	NNW .2 .2 1.2 VARIABLE CALM	.i.		.7	3 • 17	3.2	m •							8 • 2	11.6
VARIABLE	VARIAELE	3 2 2	· ·	• 5	1.2	c.	9.							M *)	12.0
		:		•	:		:	•	•	•	•	•	•	•	:
1 1.7 11.4 34.9 11.0 1.9 .8 .2	1.7 11.4 34.4 3	CALM	,,,,,,,,,	,,,,,,,,,	,,,,,,,,,,		,,,,,,,,,			,,,,,,,,,			,,,,,,,,	ບ •	,,,,,,
		TOTALS	1.5	11.4	34.4	54°9	11.0	1. 9	σ: •	. 2				100.0	11.4

PLOCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OFSERVATIONS

OLDERL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

		•••••••••••	•	• • • • • • • • • • • • • • • • • • • •				•	•	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	•
JIPECTION LUFGREES)		4 - 5	7 -10	11-16	12-21	22-27	28-33	34-45	41-47	48-55	6E 56	1(TAL	ME AN I N D
	•	• ()	•	61	£ 1	<i>a</i>						ຜ	13.7
سا برا برا پر	•	<i>3</i>	3.5	± •	2.1		7.					12.2	14.4
سا نیا خ		a,	7	.* 3			. 1	. 1				# · · · · · · · · · · · · · · · · · · ·	11.9
1 4 E		t ₁	1.2	J		. 1						2 • 3	10.6
		2.	2 • 3	1.3	2.							ດ • ຈ	11.0
1 S.F		· £:	œ •	1.1	.7							3.1	12.1
SE -		•	·•	⊅	LA							2 • 3	11.0
385	e.	٥.	1.7	1.0	•							e• ₽	3
s		1.3	3.1	2.0	. 7							7.1	10.2
18 55 57	.1	• €	ن س•	3.1	۵۲ •	•						7.1	12.2
7e 90		•	Ċ	: :	1.6	•						**************************************	13.2
3: 30 3:		•) • 1	4.3	1.7	•						11.1	13.6
*	N.	₩. • •	æ • €0	2.2	œ.	() *						œ •	11.3
*			cı r.	() (),	1.9							6 • 3	13.8
• •		u. •	1.4	2 - 1	. 7	•						5.7	12.5
3		· .	c. •		-							ι. α.	11.3
VARIAPLE			•			:	:		•		•		•
CALM 1,	mmmmmmmmmmm		mmm.	minni				,,,,,,,,,	,,,,,,,,,		////////	1.6	111111
10.101.01	q	e e				•	4	•				6	(

PENCENTACE FRENUENCY OF OLCUPRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OSSERVATIONS ULCORAL CLIMATOLOGY SKANCH USAFETAC ARE CARRED CERRATEL MAC

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	77-86
	PERIOD OF MECORD:
	ধ
	OT IS ANCE MA
	STATION NAME: OT IS ANDE MA
VICE /MAC	: 725263
AIR MEATHER SERVICE THA	STATION NUMBER: 725060

					GNI*	SPEEC	IN KNOTS					
ECTI CREE	1-3		7 -1 C	11-16	12-21	12-27	34-	41-47	46-55	GE 56	TCTAL 2	ME AN WIND
	•				• (1)	ę	. 1	•	•	•	4.12	13.0
J.N.		.	M	3.2	1.6	P1	3 .				£ .	13.7
	·	1.2	a. (1	C • £	۲.		٤٠.				9 • 7	11.7
		1.7	(1	9•	-	-					4.2	5.6
	۲. •	ىد •		. 7	. 2	•	~·				3.7	10.3
		1.1	J • 2	1.4	4	•					6.4	10.1
- -		• Œ	(1 4	1.0	3	•					4	10.5
556		α •	1.6	•	M •	•					3.6	10.7
- -	Ç	1.1	5 . 6	r •	.						7.4	9.5
38.8		· (•	5. • 3	9.	•					7.1	11.7
35	·:		5.9	77 • G	2 • 3	•					11.3	13.3
35.4	· ·	1.3	4	ð. ú	4 • 5						13.8	12.5
. .	·:	•	1.5	2.3	6.						5 • 6	12.5
3 2 3		•	1.6	2.7	J•1						4. 8.	13.3
3 2		ŧ, •	.,	1.4	o•1						3.6	13.4
3 2 2		•	. 7	6.	*						2.1	13.8
VARIABLE !			:						•			
CALM		,,,,,,,,,	,,,,,,,,,		,,,,,,,,,,	mmmn.		,,,,,,,,,	,,,,,,,,,,	,,,,,,,,,	1.4	,,,,,,,
TOTALS I	· -	1	c u	1 17 2		ı	э				0	

PERCENTAGE FREQUENCY OF GLOUPRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM SPEED. SECTION TO CONTRACT CONTRACTS CONTRACTS CONTRACTS AND AFTHER SERVICE MAC

	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •											
z ~	1-3	3 L 3	7-15		17-2	.D SPEEC .22-27	IN KNO 28-33	0.4-		1-47 48-55 GE	GE 56	TCTAL	MEAN
	• C1	• 27 • 4 • 4 • 4 • 4	1.9	1.2		•	•					5.1	9.7
- L		1.7	1.3	61 •	3	• 1						6 • 3	16.9
L. Z	<u>۴</u>	œ •	1 · C	э .	۶.	•						3.6	10.5
ENE		•	1.3	9•								2 • 8	8.2
	5.	1.6	1.7	٥.	5	• 1						6.4	9.3
r SE	•	1.4	1.8	9•	٠.	• 5						τ. «	8.6
S.E.		1.1	a •	•	۴.	. 1						D • #	o •
SSE	3	1 • f.	÷	‡	.1	•						3.1	7.8
· · · ·	* 10 €	14 •	3.6	•	M1 •							7.2	6.2
	~,	J • 4	1.1	1 • 4	3							3 •	7.6
'B	2•	1.0	3.7	7.	9.							12.1	6.5
38 58		3.0	7.7	7. 7	.							12.4	10.2
	*1	1.4	1.9	() •	• 1							5.8	4.6
. Res	2.	.,	1.2	1.6	.7	(, •						4.6	11.9
3 2	• 1	<i>‡</i>		1.9								3.8	10.6
3 2 2 2		а •	1.7				-:	·-				3.3	10.8
VARIABLE	•									•	•		
	mmmmmmmmmmm				,,,,,,,,,	,,,,,,,,,			,,,,,,,,,		,,,,,,,,	11.4	//////
TOTALS	£.	2 1. 7	٠ د د	. 36	-	-	-	٢				0	

TOTAL HUMBER OF GESERVATIONS: 920

FELLENTEDE FREUENCY OF OFFIGRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OFSFRVATIONS OLG AL CLINATOLOGY ERANCH OSAFLTAC AIR WEATHER SERVICEZMAC

77-66	1
PERIOD OF PECORD:	
PERIOD	
4	
OT IS ANCH M	
53 STATION NAME: OTIS ANGR MA	
725363	
NUMBER:	
S 14T 10N	

1-3			• • • • • • •	• • • • • • •	• • • • • • • • •	* * * * * * * *					•••••	************		
1.2	ECTION GREES)	1-3	ن ا ع			17-2	SPEE C 22-27	KN0TS 8-33			48-55	GE 56	TCTAL	MEAN
1.0 1.1 1.5 .4 .5 .4 .5 .4 .5 .4 .5 .4 .5 .4 .5 .4 .5 .4 .5 .4 .5 .4 .5	•	•		9:0		•	•	:	•	:	:	•		:
1.0 1.0 1.0 1.0 1.0 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.0 1.1 1.2 2.0 1.1 1.2 2.0 2			°.	1.1	1.0	3	•						3	11.6
1.7 1.6	w Z		1.0	9.	~ γ	3							2.3	1.6
1.0 1.0 1.1 1.2 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2	i Nf	.	3	1. r									1.7	7.1
.1 1.5 .6 .1 .2 .2 .1 3.1 1.1 .2 .2 .1 .2 .2 .1 .2			ب ق	1.4	e.	-							# · E	0.6
1.1 1.2 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 .6 .7 <	ا ا ا ا		•	1.1	3.		•						6.5	10.3
1.1 2.3 2.6 .2 .1 5.7 6.7 1.1 2.3 2.6 .9 .2 .1 6.7 1.1 1.7 1.1 .6 .2 .1 3.7 1.3 3.4 2.4 1.7 .4 .4 .7 9.8 1.2 .6 2.7 .4 .7 9.8 1.7 .9 .9 .9 9.8 1.7 .9 .9 .3 3.7 1.7 .9 .9 .3 3.6	 :s	. 1	1.2	9.	۲.	9.							3.1	10.2
1.1 2.3 2.6 .9 .2 .1 6.7 .1 1.7 1.1 .6 .2 .2 .4 .3 .4 .3 .4 .3 .4 .4 .4 .4 .7 .4 .7 .4 .7 .4 .7 .4 .7 .4 .7 .4 .7 .4 .7 .4 .7 .4 .7 .4 .7 .4 .7 .4 .7 .7 .7 .4 .7	SSE	9.	7 • 17	M.	~	. 2	• 1						5.9	7.3
.3 3.4 2.4 1.7 .4 6.3 .3 3.4 2.4 1.7 .4 6.3 .8 3.4 2.6 1.2 .4 9.8 .2 .6 2.4 1.4 .4 .7 9.8 .2 .6 2.4 1.4 .4 .7 9.6 1 .7 .9 .5 .3 3.7 3.7 .7 .1 .1 .1 .1 3.6 1	s	1 • 1	7.3	2.0	6.		•	7.					6.7	9.1
3.3 3.4 2.4 1.7 .4 6.3 3.1 3.6 2.7 .4 3.8 5.4 2.8 1.2 .4 3.1 3.6 5.6 1 3.1 3.6 2.9 3.7 1.7 3.9 3.7 3.6 3.7	NS S	-	1.7	1.1	e.	• 2							3.7	80 • 33
3.1 3.6 2.7 .4 3.8 3.4 2.8 1.2 .4 .2 .6 2.4 1.4 .4 .7 1.7 .9 .5 .3 3.7 3.7 3.6	* "	٠.	ار • 4	2.0	1.7	.							6.3	8 • S
.8 5.4 2.8 1.2 .4 .7 .7 .9 .5 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3	· · · · · · · · · · · · · · · ·		3.1	3.6	2.7	.							æ . 5	4.1
1.7 .9 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5		α: •	3 *1	51 •	1.2	#							4.7	7.9
1.7 .9 .5 .3 3.7 3.7 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6	3 2	€ j		63 4	7 • 4	3	•						5.6	11.1
3.6	3 2		1.7	6.	.0	Mi •							3.7	80 • 80
	7 2 2	2.0	1.7	1.2	1.	•1							3.5	37 ° SC
	רגרא די	,,,,,,,,,,,	,,,,,,,,,,		,,,,,,,,,	,,,,,,,,,,	mmm.	mmm.	,,,,,,,,,	· · · · · · · · · · · · · · · · · · ·	,,,,,,,,,	1111111	21.9	,,,,,,
MANAGEMENT CONTROLLED TO THE C	10 1 A 1 S	6.5	27.6	٠,	7. 31	a.		-					0.000	7.1

U 05 TUTAL NUMBER OF DESERVATIONS:

PLICENTAGE FILGUENCY OF OCCUPHINCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FLOWENTIONS ULUSAL CLIMATCLOGY BRANCH A IR MEATHER SERVICE /MAC USAFETAC

1-3 4-E 7-1C 11-16 17-21 22-27 28-33 54-4C 41-47 48-55 GE 56 TCIAL MEAN 9.3 0.6 10.9 11.0 11.5 5.5 9.1 10.0 9.3 16.3 8.6 10.4 10.1 10.1 11.3 8.5 MEAN FIND ALL 12.7 3.2 2.9 1.1 9.6 В.3 2.6 3 . 7 4.7 6.2 7.3 5.4 2.7 3.9 3.3 2.9 RD: 77-86 HOURS (LST): <u> Матиний потительной потительном потител</u> PEPIOD OF RECORD: MONTH: APR HOU ٥ \Box **:** -: **.** G ۳, • 7 2. . . 7.3] ·] ٠. ۳. œ **.** ٥. 7 e . 1.1 ٠ OT IS ANGE 25.5 . ٥ 1.5 2.7 ~• ... 1.7 7 . 1 ae • 5. 1.0 ٥. 3 1.7 30.0 1.3 **.** . (, 3.2 رع س æ. E J • L STATION NUMBER: 725060 STATION NAME: 1.9 1.1 ٠, 1. f 7 1.6 .. 1.6 2.00 ្ឋ c. ٠ • ن • 1.7 2 ۲. ي J . E 1.0 ٠, 1:1 1.7 ت. ٠. J• C . 5 • 8 ₹. 2 ۲, ~ (DEGREFS) DIRECTION VARIABLE TOTALS 200 3 2 2 355 **SS**. * 2 :# (7) .* 2 ы 2. ы î SE 2 ž ن<u>د</u> م Ŀ ิง 3

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TOTAL NUMBER OF OBSERVATIONS: 7250

PEACINIASE FFESUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WING SFEED GLUBAL CLIMATOLOGY ERANCH

		17-96
FROM HOURLY OBSERVATIONS		
		TION NAME - OTTO ANGLE MA
		STATION MARK.
USAFETAC	A IN MEATHER SERVICE AND	ATA CASSIST AND MOMENT AND AND AND ATA

1-3 4-c 7-10 11-10 17-21 22-27 28-33 34-40 41-47 48-55 6E 56 10111 17-8 18-25 1						CVI	SPERE IN KNOTS			
1. 1.0 1.6 1.6 1.4 1.1 1. 1. 2.2 1.2 1.4 1.1 1. 1. 1. 2.3 1.2 1.3 1.4 1.1 1. 1. 2.3 1.2 1.1 1. 1. 1. 2.4 1.2 1.1 1. 1. 1. 2.5 1.2 1.2 1. 1. 1. 1. 2.5 1.2 1. 1. 1. 1. 2.5 1.2 1. 1. 1. 2.5 1.3 1. 2. 4.1 2.5 1.3 1. 3.5 1.4 1.9 1.9 1.0 1. 3. 1.2 1.2 1.3 1. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	DIRECTION (DEGREES)	1-3) 1	7 -10	1 1-1		2-27 28-33	48-55 GE	ĭ	
1.1 1.6 1.6 1.6 1.9 4.2 1.1 1.6 2.2 1.1 1.1 1.2 1.1 1.6 2.2 1.2 1.2 1.3 1.1 1.6 2.2 1.5 1.2 1.4 1.1 1.6 2.2 1.5 1.5 1.4 1.2 2.2 1.5 1.5 1.5 1.7 1.2 2.2 1.5 1.5 1.5 1.7 1.2 2.2 1.5 1.5 1.5 1.5 1.3 1.5 1.6 1.6 1.6 1.7 1.4 2.5 1.5 1.5 1.5 1.7 1.5 2.1 2.5 1.5 1.5 1.5 1.6 3.7 2.6 3.5 1.5 1.5 1.7 3.5 3.5 3.5 3.5 3.5 1.7 3.5 3.5 3.5 3.5 3.5 1.8 3.7 3.5 3.5 3.5 3.5 1.9 3	 •	. J		2.5	:	:	d 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	: :	:	:
1.1 1.4 2.3 9 3.3 1.2 1.4 1.1 1.1 1.9 1.2 1.4 1.1 1.1 1.3 1.1 1.4 1.5 1.4 1.5 1.1 1.5 2.2 1.5 1.5 1.1 1.5 2.5 1.5 1.7 1.2 1.4 1.5 1.5 1.7 1.2 1.5 1.5 1.5 1.7 1.2 1.5 1.5 1.5 1.5 1.2 1.5 1.5 1.5 1.5 1.2 1.5 1.5 1.5 1.5 1.3 1.5 1.5 1.5 1.5 1.3 1.5 1.5 1.5 1.5 1.3 1.5 1.5 1.5 1.5 1.3 1.5 1.5 1.5 1.5 1.3 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	in Si	7.	٠.	1.6	7 • 4				4.2	9.6
.1 .4 .5 .1 .2 .2 .1 .2 <td< td=""><td> </td><td></td><td>ن • •</td><td>(n) (y)</td><td>٥.</td><td>M)</td><td></td><td></td><td>o. 4</td><td>9.2</td></td<>	 		ن • •	(n) (y)	٥.	M)			o. 4	9.2
.2 .6 .5 .1 .2 .2 .2 .2 .2 .2 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .2 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .2 .4 <td< td=""><td></td><td>٠.</td><td>•</td><td>(4</td><td>7.</td><td></td><td></td><td></td><td>•</td><td>7.1</td></td<>		٠.	•	(4	7.				•	7.1
.1 .8 .3 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .2 .2 .4 .2 .2 .4 .2 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .2 .4 .4 .2 .4 .4 .2 .4 .4 .2 .4 .4 .2 .4 .4 .2 .4 .4 .2 .4 .4 .2 .4 .4 .4 .2 .4 .4 .4 .2 .4 .4 .4 .2 .4 .4 .2 .4 .5 .4 .4 .4 .4 .5 .4 .4 .5 .4 .4 .5 .4 .4 .5 .4 .5 <td< td=""><td></td><td>2•</td><td>•</td><td>5•</td><td>•</td><td></td><td></td><td></td><td>1.9</td><td>1.9</td></td<>		2•	•	5•	•				1.9	1.9
.1 i.4 .6 2.2 1.5 2.4 .7 3.9 2.2 1.5 7.7 .1 1.6 2.8 .6 8.5 .6 3.3 1.9 1.9 .6 8.5 .7 3.7 2.6 .3 7.3 .8 3.7 2.6 .3 7.3 .3 1.5 .6 .3 7.3 .2 1.5 .5 .4 2.7 .3 2.6 .9 .9 .9	(SE		•	~1		.1			1.3	7.5
1 1.4 .5 .7 3.9 2.2 1.5 .1 1.6 2.8 .5 .6 3.3 1.9 .6 .2 4.1 3.5 1.9 .8 3.7 2.6 .3 .3 1.5 .5 .4 .3 1.5 .5 .4 .3 2.6 .9 .2 .3 2.6 .9 .9	- -		·.	J•C	• 1				1.9	7.5
3.7 3.9 2.2 1.5 3.7 4.1 1.6 2.8 3.5 1.9 4.4 5 3.3 1.9 .6 8.5 8 3.7 2.6 .3 7.3 1.2 3.5 .6 .9 .7 2.2 1.5 .9 .9 .7 8.2 .9 .9 .9 .7 8.3 .6 .9 .2 .4 9.7 .9 .9 .9 .9	385	-	# .4	5.					2.4	J•9
.1 1.6 2.8 .5 4.4 .6 5.3 1.9 .6 8.5 .2 4.1 3.5 1.9 9.7 .8 5.7 2.6 .3 7.3 .3 1.2 .5 .4 2.6 .2 1.5 .9 .7 2.7 .3 2.6 .9 .9 .7	 .a	(*	3.9	2.2	1.5				1.1	7.5
.6 5.3 1.9 1.9 .6 8.5 .2 4.1 3.5 1.9 .3 .8 3.7 2.6 .3 7.3 .3 1.2 .5 .4 .2 1.5 .9 .4 .3 2.6 .9 .9	HSS.	.1	-	c.	ى •				# #	8.7
.2 4.1 3.5 1.9 9.7 .8 3.7 2.6 .3 7.3 .3 1.2 .6 .9 2.0 .2 1.5 .9 .9 2.7 .3 2.6 .9 .9 .9	35	9.	5 • 3	1.5	1.9	9•			S . 8	& &
.8 3.7 2.6 .3 7.3 .3 1.2 .9 2.0 .2 1.5 .5 .4 2.7	* 5	.,	;	u) • •3	1.9				4.1	7.9
.3 1,2 .5 .2 1,5 .5 .4 .36 .9 .2		α •	5.7	3 • 5	m •				7.3	9.9
2.7	78	۳·	2 • 1	•					2.0	3.2
.36 ., .4		*	 	<u>ភា</u> •	₹.				2.7	7.1
	ANE.	٠.	9•7	?,	• 2				G ₹	5.8
	TOTALS	3.3	31.2	5.62	10.6	1.6			1.00.0	5.6

U\$5

TOTAL NUMBER OF OPSERVATIONS:

PLUCENTAGE FREDUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS ULDGAL CLIMATCLOCY BRANCH USAFETAC AIR AEATHER SERVICEZMAC

MONIE: AAV HOUSE 17-86 STATION NUMBER: 725060 STATION NAME: OTIS ANGRIMA

·			;		MIND SPEE	SPEEC IN KROTS					
	N- I	t - t		1 1-1 6		28-33 34-4C		48-55	GE 56	TCTAL *	MEAN
		7.5	2.6	- C	· · · · · · · · · · · · · · · · · · ·	•	•	•	•		8.6
ш 2	.	(•	(1 0	1.6	2•					4.6	10.6
7 Z	:	1.3	5.4	1.1	7,					ۍ ٠	9*6
E NE	•	• 61	•	• 1						1.1	8.2
	·	m.	<i>v</i>	g.	-					2.0	L*6
185		J	4	٠,						1.0	8.8
S.		1.2	<u>.</u>							1.7	6.3
SSE	;	1.0	fv •							1.3	S. 8
s		13 14	2.1	1.0						6.2	7.8
# SS	·-	1.3	1.7	æ.						3.9	3 &
3¥ 50	• 5	9 • 1	3 • 2	1.5	• 1					6.5	8.3
33	ى •	3.1	3.E	1.4	2.					0.6	7.9
.3	٠,	# *1	7 • 2	~.						7.0	6.7
	~ `	1.1	f: 1 •							1.7	5.2
32		h • 3	5.	*.						4.2	9.5
3 2 2	۰. •	7.4	•	₩.						3.5	0 • 9
VAKIAPLE		•									
CALM	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						,,,,,,,,,,,		,,,,,,,,,	32.7	,,,,,,
TOTALS	در	2006	3.43	11.2	1.5					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 93L

PESCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS AIND SFEED FROM HOURLY OBSERVATIONS ULVEAL CLIMATCLOGY SPANCH AIR WEATHER SERVICE / HAC USAFETAC

6.7 7.9 7.9 7.4 9.6 **6.8** 8.5 7.2 9.1 1.1 e . 5 8.8 11.2 4.6 ONI 3 MEAN PERIOD OF RECORD: 77-86 MONTH: MAY HOURS(LST): G630-D800 130.3 7.6 2.4 2.3 5.6 2.0 2.5 7.3 4.6 2.9 0.6 7.1 5.3 5.3 3.5 16.0 99 9 46-55 41-47 #IND SPEEC IN NNOTS 17-21 22-27 28-53 34-4 -2.B **3** 7. OT IS ANCE MA 1 . 3 5.03 5 . 5 1.7 2.2 1.3 7 . 4 ~`` 7 :\u ¢. 1.2 11-16 4.5 . 1.2 2.5 1.9 2.0 31.5 73 20 (*) ** **™** 1.7 2.4 7.8 æ, 1.7 (د. • STATION NAME: 1-16 6. 1.1 ن. ا 1.7 £ 1 3.3.2 a. ڻ. • U • 1 5.7 ر. 1-ن. j.6 1.1 ... 4-4 ٠. 3.2 in • ~ STATION NUMBER: 725060 ? (°) ? ₹. Ĺ1 2 F) (SECOEES) UIPECTION VAKIASLE SSK ¥ S¥ 3 2 4 .X .Z .Z CALM 156 555 Š 3 2 ž r Refe 3 3 S

1

TOTAL NUMPLE OF OPSERVATIONS: 750

PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS GLOGAL CLIMATOLOGY BRANCH GSAFETAC AIN WEATHER SERVICE/MAC

1-3 4-6 7-16 11-16 17-21 22-27 26-33 34-46 41-47 46-55 6E 56 IGIAL 1-4 1.6 2-16 2-14 17-21 22-27 26-33 34-46 41-47 46-55 6E 56 IGIAL 1-4 1.6 2-16 2-14 17-21 22-27 26-33 34-46 41-47 46-55 6E 56 IGIAL 1-4 1.6 2-16 2-14 17-2 17-2 17-2 17-2 17-2 17-2 17-2 17-2				•				٠	•	•			
10.1 3 1.1 1.2 2.6 2.4 .9 .1 3 1.1 1.2 3.0 6.6 3 1.1 1.2 3.0 6.7 3 1.1 1.2 3.0 6.7 1.1 1.2 3.0 6.7 1.1 1.2 3.1 3.4 1.1 1.2 3.1 3.4 1.2 3.1 4.2 3.1 3.4 1.3 5.1 1.4 3.7 3.1 3.4 1.4 1.7 5.1 1.9 3.7 3.1 1.5 5.2 1.2 3.1 3.4 1.6 6.7 3.1 3.4 1.7 5.3 1.2 3.1 3.4 1.8 5.9 3.1 3.4 1.9 5.1 1.9 3.7 3.1 1.9 5.1 1.9 3.7 3.1 1.9 5.1 1.9 3.7 3.1 1.0 5.2 1.0 6.7 3.1 1.0 5.2 1.0 6.7 3.1 1.0 5.2 1.0 6.7 3.1 1.0 5.2 1.0 6.7 3.1 1.0 6.7 3.1 1.0 6.7 3.1 1.0 7.1 1.0 7.1 1.0 3.1 1.0 7.1 1.0 7.1 1.0 3.1 1.0 7.1 1.0 7.1 1.0 7.1 1.0 7.1 1.0	. 2~	• M • M • t	01	7 -10	1 1-1	17-2	SPE 22-2	IN KNOTS 28-33 34-40	•	4 6 – 5 S	GE	TCTAL \$	REAN
1.4 1.6 2.6 1.0 6 1.0 9.0 9.0 1.3 1.1 1.2 2.0 6 2.3 9.0 1.2 1.2 2.3 2.3 2.2 2.2 1.1 1.2 2.4 2.2 2.2 2.2 1.1 2.5 2.5 2.0 2.2 2.6 1.1 3.6 3.1 3.1 3.1 3.4 1.2 3.2 2.8 3.2 3.4 3.4 1.2 3.1 3.1 3.1 3.1 3.4 1.3 4.2 3.1 3.1 3.1 3.4 1.4 3.2 3.1 3.1 3.1 3.1 1.4 3.2 3.1 3.1 3.1 3.1 1.5 3.1 3.1 3.1 3.1 3.1 1.5 3.1 3.1 3.1 3.1 3.1 1.5 3.1 3.1 3.1 3.1 3.1 1.5 3.1 3.1 3.1 3.1 3.1 </td <td></td> <td>•</td> <td>□ • ₹</td> <td>:</td> <td>• (u</td> <td></td> <td>:</td> <td>•</td> <td>:</td> <td>•</td> <td>•</td> <td>3</td> <td>11.5</td>		•	□ • ₹	:	• (u		:	•	:	•	•	3	11.5
3.3 1.1 1.2 3.9 6.1 4.1 3.2 3.1 1.2 3.3 3.2 3.2 3.2 3.1 3.1 3.1 3.1 3.1 3.4 3.4 3.2 3.2 3.2 3.2 3.4 3.4 3.4 3.4 3.2 3.2 3.2 3.2 3.2 3.4 3	- - -		0	2 • B	4.7	9.	•					10.1	12.1
.3 1.1 1.2 .3 .5 2.6 .2 .5 1.2 .3 .3 .2 2.6 .1 .6 1.2 .9 .2 2.6 .1 .6 1.2 .9 .2 2.6 .1 .7 2.8 2.8 .5 .8 2.8 .5 .9 .7 .9 .9 .9 .9 .5 .9 .7 .9 .9 .9 .9 .9 .4 1.7 .9 .7 .9 .9 .9 .9 .9 .5 .9	- -		1.6	5.6	3.0	•	~;					٥ ٠ ٥	11.2
2.5	1 26	r,	1.1	1 • 3	ъ. •	'n						4.1	9.6
2.2	 ·	.2	ĵ.	1.2	*	•						2.6	0.6
2.6	·	٠.	4	*	• •	· 1						2.2	3.
3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4	u u	-		1.2	5							5.6	7.6
1,44 3,8 3,1 11 18 8.5 4,5 2,8 5 1 4 1	35		د ۱ •	(1 (1	•							3 • 4	8.7
7.6	J)		7 • 4	ω •	3.1	• 1	•					80	10.6
8.5 1.0 1.1 1.1 1.2 1.1 1.2 1.2 1.2	3 5 5		O N	#3 E3	8.2	v.						7.6	10.3
.7 1.0 4.2 3.1 .4 .4 1.7 5.1 1.9 .2 .5 2.3 1.2 .3 .6 .8 1.0 .7 1.0 9.9	38 57	ς ,	•		5.1	•						8 .5	11.2
4.3 .5 2.3 1.2 .3 .6 2.6 1.0 .7 2 .9 .5 .5 .3	٠ در. د	•	1.0	4	3.1	<i>‡</i> ,						6.0	φ φ
4.3 4.3 6. 2. 3. 3.2 1.0 8. 3.2 8.2 8.2 8.2 8.2	4	3	Z • T	£, • 1	1.9	.2						g. g	9.3
3.2	3 2 3		. 5	61	1.2	•						£ • 3	10.4
1.5 5. 9. 3. 6. 5. 1	;	·	ىن. •	•	1.0							3.2	11.2
	72.	es •	6.	•	so •	**						2.1	9.3
	ר שר ת		,,,,,,,,,				,,,,,,,,	mmmmmm		,,,,,,,,,	,,,,,,,,,	8.8	,,,,,,
6.5	2 4 1 01			3 4	\$ 0 X	6.5	.~					100.0	6

TOTAL NUMBER OF DRSFRYATIONS: 729

PLICITAGE FRIGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM A FROM TROP OF SERVATIONS OLOFAL CLIMATOLUGY ERANCH USAFETAC AIR WEATHER SERVICEZMAC

PERIOD OF PECORD: 77-86 MONTH: MAY HOURSILST): 1230-1400 STATION NUMBER: 725060 STATION NAME: OFIS ANCH MA

	OF GREES)	1-3	رد ا د	ر		17-21	2 - 2 - 2 2 8	28-33 54-46	41-47	48-55	GE 56	TCTAL *	MEAN
10		•		:	:	. TO		•	•			5.0	12.9
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	lu 2	3	1.2	4 ()	3 • 3	1.4	Cu •					10.4	11.9
3.5 1.6 1.5 .2 .6	. — .		•	2 • 5	#: (1	1.0	. 1					7.4	12.2
7. 1.6 1.7	1 NE	•	•	()	1.9	<i>3</i>						9•9	10.2
7. .6 1.4 .9 .2 1.4 .9 .2 .9 .8 .9 .8 .9 <	۔ ۔۔ ۔۔	•	ن • •	1.2	C 2							2.6	1.1
2.6	30 -	:	<u>ب</u>	1.4	5.	. 2						5.9	10.5
11.2	 .,	e.	9•	1.4	5.							2.8	8.1
.2 .6 4.4 2.7 .9 9.8 .5 .6 4.6 .1 11.3 .2 9.8 .4 5.6 6.4 .9 11.2 .4 5.6 6.4 .9 11.2 .6 .1 1.5 .2 .9 .6 .9 .1 .2 .9 .6 .9 .1 .9 .9 .6 .9 .9 .9 .9 .7 .6 .9 .1 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9	388		٠.	(4 0,	1.3							# #	6
.2 .6 4.4 2.7 .9 9.8 .6 4.6 (.1 11.3 .2 111.4 .4 5.6 6.4 .9 111.2 1.1 2.9 1.9 1.0 6.9 .6 1.1 1.5 3.0 .6 1.1 1.5 3.0 .7 .6 .8 .1 2.0	. 	٠.	υ • •	5.	α • ε.,	٠,						10.1	6.5
11.4 14. 5.6 6.4 .9 11.2 15.1 2.0 1.9 1.0 1.0 6.9 16.1 1.7 1.2 17.4 1.7 1.2 181 2.0	#S;	• 5	•	3	7.2	6.						9 ° 6	11.2
11.2 1.1 2.9 1.0 			æ	ુ• ક	. 1	1.3	•					11.4	12.3
1.1 2.9 1.0 5.9 6.9 3.0 3.0 3.0 3.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	3		3	*. *	£ • £	5.						11.2	12.3
3.0			1 - 1	(1)	1.9	1						6.9	11.2
2.0	7 2 3	•	ĭ	1.1	1 . 3							3.0	10.3
3	3 2		3	ψ.	ď.	•						2.0	10.5
	7 2 2		·:	٠.	٥							1.4	11.1
	•			/////////	,,,,,,,,,						//////	9.7	
	FUTALS	2 + 3	11.7	31.5	5.4.2	ř. 1	ڻ •					100.0	10.8

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TOTAL NUMPER OF DUSERVATIONS:

FENCTIATAN FREGUENCY OF OCCUPATION OF SUPFACE WIND DIRECTION VERSUS WIND SFEED FROM THOUSE Y OPSERVATIONS ULCOAL CLIMATOLUGY MAANCH AIR MEATHER SERVICE ZHAG USAFETAC

0.0 **9**• d 8.2 9.1 10.5 12.0 15.6 11.8 13.8 10.0 11.6 7.1 ۥ1 10.7 HOURS (LST): 1550-1700 8.5 3.1 7.4 2.2 3 • B d. 11.3 2 • 6 15.4 و•ں I • 8 1 . 5 ٠. ا 1:0°E 77-86 FLP100 OF ALCORD: MONTH: MAY ٦. ~ ~ ٦. ~ ۰ 7. ∑•**1** () 6. M) • 7.4 3. -OT 15 ANCP MA 1.3 C • ≪ *· * 6.3 . ť ਂ, ¥. ر. • • <u>.</u> ů 33.02 ₹. 1 • 7 J. 3.1 ر • • - I 7 . 7 J • [ر. و• ن 3 · E .d.. £ . € 300 3.1 • STATICH NAME: . . . • **₹** ., 10.5 ٠<u>.</u> 1.1 ٥ • ٠, <u>٠</u> ÷ J. ٠, 1.6 STATION NUMBER: 725060 (4 7 · I ~ ~ ~ Ġ ٦. ~ ٦. (OE GREES) VARIABL TOTALS CALM 3 15 ٦ ج ر F 18.7 f. 5F 38. ¥.5.5 . . Z. ابيا ج د Z 3 Ş

TOTAL MUMBER OF OPSERVATIONS: 330

PERCENTAGE FREEDENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM VERSUS WIND SPEED OLUMAL CLIMATOLOUY SHARCH USAFLTAC ASPETAC AIR WEATHER SERVICLIMAC

UIMECTION !	£ - 1	₽ -	51-7	11-10	17-21	2-27	28-33	34-40	41-47	48-55	ù£ 56	TITAL	MEAN
יות משבנים זמו												**	
	۲.		1.6	•	• • • • • • • • • • • • • • • • • • •	. 1					•	8	9.2
		a	C 7 • 7 7	7.	*)	•						8.5	10.2
14.2 22.2		a•:	2.4	1.2	*)							5.8	8
		1.6	x	*1								5.9	7.3
	•	1. A • f.	6	7								2.9	6.1
+ Sf	٣.	1.7	• ¢	r.j								2.5	6.3
ž,	. 1	() 4	9•1	5.								4.1	6.8
. SE	٥	~ ~	1.6									5.5	5.9
.1	.	· ·	4.1	1.7								11.4	7.5
*55	F-7 #	1.7 4	**	6. 6.	• 1							A . 7	8.3
- 		· 4	4.6	æ • €3	M)	•						11.0	17.3
* S #		3. •	9.9	# #	1.3							15.1	10.4
•		C.	6.2	1.7								J • 9	† 6
3		•	•	kn •								•	16.0
3	Ç.	•	u .	٠ •								α••	8.6
3 2 2	1+3	t·	•									•	5.3
VARIABLE CALM													
TOTALS	3.5	31.2	5 % 80 %	20.5	, e	•						103.0	8.0

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PERCENTAGE FREUEFICY OF OLCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOUNCY OBSFRUATIONS ULUCAL CLIMATOLOGY BRANCH ULAFLIAC AIR MEATHER SERVICE/MAC

PEPIOD OF RLCORD: 77-86 MONTH: MAY HOURS (LST): 21.0-23.00 STATION NUMBER: 725063 STATION NAME: 0115 ANCE MA

*	67) 	7-10	11-16	#IND SPEEF 17-21 22-27	78-33 34-4C	6 41-47	46-55	6£ 56	TLTAL	ME AN MINO
•	٤.		1.6	1.1	3.		•			9	
	r:	1.3	\$ • I	1 • 3	P7 •					5.1	9.6
	'.	1.0	3 •	a,	۴.					4.2	8.2
		C1 -4 -4	٠	pred •						1.6	7.3
	Ç	4	<u>ن</u>	. 1	m •					2.5	8.6
	• 5	a	u. •							1.7	ω • u1
	۲.	1. 1	1.1							2.6	6.3
		٠ <u>.</u>	•							5.9	6.3
	٠.	7:1	? • 6	1 • 2						7.0	1.1
	٠.	€. • •)	1.6	1 - 1						£.	7.2
	ند •	•	3.3	2.1						10.1	o Ti
	<i>3</i> .	ا • •	5 e 6:	3 €	• 1					12.5	8.5
	N.	•	۶ ۱	*) •						7.2	7.2
	-	(. •	3	٠.						1.8	9.0
	~`.	3° • 14	•	3						er C	6.9
	• 2	1.1	3							1.7	6 0
: ;										23.3	,,,,,,
	α J	4.	21.2	1.5.7	1.6					100.0	6.1

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TOTAL NUMBER OF UPSERVATIONS: 52

FERTHAM FRIDDENCY OF OLCOPRENCE OF SUPFACE WIND LIRECTION VERSUS WIND SFEED FROM VERSUS WIND SFEED OLO, AL CLIMATOLOCY BRAIGH COAFETAC AIR HEATHER SERVICE/MAC

PERIOD OF ALCORD: 77-86 MONTH: MAY HOURS (151): STATION GUMPERS 725069 STATION NAME: 0115 ANGP MA

UISECPEES) {	5 - 1) -	7-12	11-16	MIND 2	.D SPEEF 22-27	IN MN015 28-33	34-4C	41-47	4 o 15 S	9S 39	TUTAL	E R I P D
	2		1.5	1.7	ę			•	•	•		4.9	7.6
Lu. 2	~.	1.2	7.5	5.	?	•	<u>ម</u>					7.3	11.0
	-	1.5	9 • 0	0 (4	9							6 • A	10.4
 	•	α •	1.0	*	74							ι: α	0 0
	5.	ū •	1 • C	• 5	7							7.4	7.8
rse –	• 5	. 7	4.	<u>٠</u> ٠	~;							2.0	4.2
- 		1.1	7	۳.								2.1	7.2
		•	u · • •	rŋ.								3.5	7.3
л <u>-</u> -	•	(1) * - 1	3.6	5.0		•						8.7	8.6
	•	1. €	2.6	C •	.	() •						9	4.6
· · · · · · · · · · · · · · · · · · ·	•	1.5	3.1	£.	٠.	•						8.5	10.4
75.4	C3	, . f	Ω • ±	3.5	•	•						11.5	6 * 5
	~.	7.1	C) • •	<i>3</i> €	•	•						7.1	ಕು ಕು
32.3	:	· ·	1. f	•	• 1							2.6	8 • 5
 2		1.1	u. •	u¹ •	:							2.0	t a
3 4 2	¢ t1	1.1	<u>ت</u>	3	•							C1 •	7.3
VARIABLE I			•		•			•			•		
CALM		,,,,,,,,,	,,,,,,,,,			.,,,,,,,,,			,,,,,,,,		,,,,,,,,,	1.4 € C	111111
TCTALS	3.2	3. 4 m	u • • • • • • • • • • • • • • • • • • •	22.1	ບ ສ	•	ن •					100.0	7.9

7437 JOIAL WIMBER OF DRSERVATIONS:

PETCLNIACE FELGUENCY OF OCCUPRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM LAND SFEED ULU AL CLINAIPLOGY PLANCH ULARETAS

ř,

1-3 4-7 7-15 11-16 17-21 22-33 34-46 41-47 46-55 6E 56 1 -26 1-6 -7 1-1 11-16 17-21 22-33 34-46 41-47 46-55 6E 56 1 -36 -7 1-7 1-7 1-7 1-7 -5 -7 1-7 1-7 1-7 -6 -7 1-7 1-7 1-7 -7 -7 1-7 1-7 -7 1-7 -7 1-7 -7	11-3 4-1 7-12 11-16 17-21 28-23 34-46 41-47 46-55 66 56 101AL HE		0000		•		1	<u>.</u>	JUN HOURS	//-86 LSI): 0000-0200	05.00
	5.	•	# Pr.	•	7 -1 -2	16	IND 3PEE C 22-27		-55 GE	• -	· Σ s
.4 .6 .7 .6 .7 .9 .3 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	1.4 1.6 1.7 1.6 1.4 1.6 1.1 1.4 1.7 1.6 1.6 1.6 1.1 1.2 1.6 1.1 1.6 1.6 1.2 1.6 1.1 1.3 1.6 1.6 1.2 1.7 1.1 1.3 1.6 1.6 1.6 1.7 1.3 1.3 1.6 1.6 1.6 1.7 1.3 1.3 1.6 1.6 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.1 1.2 1.3 1.3 1.3 1.9 1		•		• 의 • 대	• • • • • • • • • • • • • • • • • • •		•		5.8	7.9
.1 .4 .7 .6 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	1.1 .	- -	3	9•	•		~)			5.9	8 6
. 1	1.1	- -		•		•	•			7 •	16.7
. 1 . 6 . 6 . 1 . 1 . 1 . 2 . 2 . 1 . 1 . 1 . 2 . 2	1.1	 	1.	•	•					1.6	5.8
. 1 . 3 5	1.1 1.2 1.6 1.1 1.0 1		•	· •	α	-	• 1			1.6	8.6
. 5 1. 6 . 1 . 1. 1. 3	.2 .6 .1 1.5 .2 .1 1.3 4.6 .2 .2 1.1 1.3 4.6 .6 .2 .3 .3 .3 9.2 .9 .2 <td>u.,</td> <td>•</td> <td><i>t</i>s 7</td> <td>()</td> <td></td> <td></td> <td></td> <td></td> <td>.,</td> <td>5.7</td>	u.,	•	<i>t</i> s 7	()					.,	5.7
.5	1.6 5.7 1.1 1.3 4.6 1.6 2.9 1.1 1.2 6.1 1.9 3.7 3.7 3.2 5.2 3.2 1.9 3.2 2.3 2.3 3.2 1.9 1.1 3.2 11.2 1.1 1.2 1.4 3.0 1.1 2.6 1.1 3.0	- -		•	J•	-				1	6.2
.69 i.7 .9 .1 .8 5.9 2.7 1.7 .2 .0 0.2 3.0 2.0 .2 .4 0.8 3.9 1.1 .2 1.4 .8 .1 1.9 .9 .1	.6 1.1 1.3 4.6 .6 6.1 .9 .9 .1 .1 .1 .1		* 3			7.				1.8	ੜ ਹਾ
.69791 .8 3.0 2.7 1.7 .2 .91 .92 2.02 .1 1.9 2.9 1.1 .1 1.99	.6 6.1 .6 3.7 1.7 .2 9.2 .0 0.2 3.0 13.0 .4 0.8 3.9 1.1 11.2 .1 1.9 4.2 .1 2.6 1.1 3.0 .1 2.6 1.1 4.5	л 2	f.,	,	1.1	0.4				9.4	7.7
3.9 2.0 2.0 .2 3.0 2.0 .2 4.4 0.8 3.9 1.1 5. 3.6 1.4 .8 1. 1.9 .6 .1	.6 3.6 2.7 1.7 .2 .0 0.7 3.0 .2 12.9 .4 1.4 .6 1.1 4.2 .1 1.6 1.1 .3 3.0 .1 2.6 1.1 .3 4.0	. <u>.</u>	•	3	7	÷.	• 1			6.1	7.4
3.3 2.32 6.8 3.9 1.1 3.6 1.46 1.9 6.1	12.6 13.6 14.7 15.8 16.8 17.8	3	α .	ن ام	2 • 2	1.7	1 u			2.6	7.5
.2 3.9 1.1 .2 3.8 1.4 .8	11.2 .2	 	٥		Ω •	(4 (5)	€a •			12.0	7.5
. 2 3.8 1.4 .d	1 1.9 .6 .1 1 2.6 1.1 .2		٠.	ن. د	8.0	1.1				11.2	6.5
. 1.3	3.0	1 2 2	€4 •	ξξ. • •••	1 • 4	· Ø				4.2	7.6
	3. 1.1 3.5	3	• 1	1.3	°.	~				3.0	6.3
5. 1.1 5.5		* 2		.,	1:1	•				4 0	6.3
VFKIASE. /////////////////////////////////		TOTAL S	3	o	; ;	0.01				£ .	r u

TOTAL NUMBER OF CASENVATIONS: 608

THE WEST CHEEDINGTION OF SOIL

PEPCENTASE FHEQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OPSERVATIONS	
GLD-AL CLIMATOLOGY BRANCH BEAFETAC	AIR MEATHER SERVICE THAC

₹.	3: 775060	STATION NAME		OT IS ANCE	A E			PERIOD OF HE	COF	10: 77-86 HOURS (LST):	.86): 0300-0500	0.500
UIKECTION (DEUREES)	• • • •	• • । • ज	7 -10	11-16	17-21 2	SPEEC IN MNOTS	34-45	41-47 46-	. 5	6E 56	TUBL	REAN FIND
· · · · · · · · · · · · · · · · ·		• • •	• M. • FU	• 60	(7	•	•		•	•	7.4	7.5
U		i • f		1.1	J	•					4 • 3	7.6
U Z	·;		ت • د	•							5.9	6.6
ᄪ		(. •	a a		(2						o.	10.5
.1		۲.			۲.						1.2	7.2
a SE		•	; v •								w.	7.6
w S			•	•							m.	11.7
188		# : * * * * * * * * * * * * * * * * * *	•								1.6	д О•
∵n	2.	5.1	1.6	9•							5.4	6.8
35 (1)	٠.	2.1	1.4	7	. 1						5.2	7.6
- 1	٠,	9.5	1 · 6	1-1							8.7	6.9
738 20 78	٠.	5.7	3 • 1	3.4							φ. φ.	7.6
	æ.	6.4	4 • 5								R.7	7.9
]# 2 3	•	(y * *	2.1	•							o •	7.0
3	·:	1.4	3 •								2.2	5.9
To the second se	۲.	6 • 7	1 • C	7.							4.2	6.0
VERIABLE					•		•		•		:	
~ 143	MILLIAN MILLIA				,,,,,,,,,,,,		,,,,,,,,,,	,,,,,,,,,,	,,,,,,,,,,	,,,,,,,,	32.0	,,,,,,
TOTALS	€ •	2.6.1	10.7		1 • 1	Cu •					150.0	6 * 11

1 1

PLUCENTAGE FREQUENCY OF OUCURRENCE OF SURFACE WIND DIRECTION VERSUS AIND SPEED FROM HOUMLY OBSFRUATIONS GLO, AL CLIMATCLOSY RRANCH USAFETAC AIR WEATHER SERVICLZMAC

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DIPECTION OLEGREESI	1-3	•	7 - 1		14.0	SPEED IN KNOTS 2-27 28-33	•	• 8 1	GE 56		ME AN FIRD
		9.3	•		· =	•	•	•	•	6 . 8	&
id ZZ		# *		1.	6.	€u •				\$ • •	10.3
- -		1.2	(1 (1		M)					4.7	8 ° C
343		J• D	1.2							0 • 6	7.7
. .	#=1 *	7.	J							•	€ 3
F SE	<i>3</i>	•	·:							1.3	5 ° 0
L S		• 1	Pris.							J	Ο • _α
185		9.	.7	•q •						1.4	7.9
n		4 • 1	1.9	9.						9.6	6.7
#S55	Pr 1	(*;	3.6	٠,						7.4	1.2
- <u>s</u>	-	7 • 1	3.6	1 • 0	۲.					8.2	9.5
e .)	۴.	* * * * * * * * * * * * * * * * * * * *	3.9	5						o a	7.8
	ນ• ເ	5.7	J. • 37	2 • 2	۲. •					13.9	7.7
* 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	• 1	0.7	5	÷ 1						4.6	7.8
7 2		1.1	1.7	: •	-					α. •	1.1
3 2 2	5	5.1) • C	•						6.2	7.0
VARIABLE			•					:			
CALM	ининининининини	,,,,,,,,,	,,,,,,,,,,,	minn	,,,,,,,,,,,,		,,,,,,,,,,,,	,,,,,,,,,,	,,,,,,,,,,	13.9	111111
					f	r				0	

TOTAL NUMBER OF OBSERVATIONS: 200

PERCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OPSERVATIONS CLIMATOLOGY ARANCH

AIF WEATHER SERVICE / PAC USAFLTAC

SECORAL

MIND SPEEC IN KNOTS 4-6 7-10 11-10 17-21 22-27 28-53 34-40 41-47 48-55 0E 56 TCTAL MEAN 1.6 .4 8.6 A . 2 10.4 10.8 11.9 6.5 7.8 7.0 10.3 6.9 4.6 9.5 8.7 J. 8.8 **ن** و ME A N I N C RD: 77-86 HOURS(LST): 0930-1100 7.3 12.2 5.0 100.0 3.€ 2.8 1.6 3.3 6.7 4.0 11.6 6.3 3.9 ្រ 9 ٠, PERIOD OF PECORD: MONTH: JUN 1.4 4.6 æ OT IS ANSE J. C. 2.2 1.2 0.0 м Э 9 1.5 1.2 1 • 1 25.6 • 6.1 • **⊅** • ¿ ر ا 3.6 36.4 7. 3.1 5.7 4.1 1.6 STATION NAME: 7. ٥. n; 2.3 100 J. 0 ٥. 5.1 1.2 1.3 STATION NUMBER: 725063 61 $\tilde{}$ 5.6 -٦. . 1-3 CIPECTION | VARIABLE TOTALS CALM 15.1 MSS 38 57 38 3 2 3 3 7 2 ب م 1 اليا 22 نيا 2.55 3 3 Z 7 3 ·.n

ن د TOTAL NUMBER OF GESERVATIONS: PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS ULDUAL CLIMATOLUUY ERANCH

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#IND SPEEC IN KNOTS
1-3 4-6 7-15 11-16 17-21 22-27 28-33 30-10 11.5 10.4 7.8 8.5 8°8 9.1 10.8 11.7 7.1 MEAN 6.7 4.6 9.6 14.2 2.1 TCTAL \$ ٦. 1.2 ₹. 9. 7. STATION NAME: OTIS ANGE MA *‡* 53 53 1.7 'n 5.1 °. 2. ٦. 6.7 1.4 I • '9 3.1 5 ° I ು **.** 4.7 ي . ي ٥. 1.2 1.7] • [• USAFETAC AIM MEATHEN SERVICE/MAC STATION NUMBER: 725063 -: . C3 LIRECTION (DEUREES) نين چي پد: isE :X (√) (√) Š 'AL ٠, š ر. S

VARIABLE		10TALS 1.6
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TOTAL NUMBER OF ORSERVATIONS:

PERCENTAGE FREDUENCY OF OCCURRENCE OF SURFACE WIND UIRECTION VERSUS WIND SFEED FROM HOUKLY OBSERVATIONS

CLCGAL CLIMATOLOGY BRANCH DSAFETAC AIR WEATHER SERVICE/MAC

1-3 4-C 7-10 11-16 17-21 22-27 28-33 34-40 41-47 46-55 6E 56 1CIAL 11 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3													
1.2	JIRECTION COEGREES)	- 0 0 0 0 0 f 0 f 0 end		•	• ~	M 7 - 2 I	S P E	IN MNOTS 28-33 34-40	41-47		• •	TCTAL	MEAN WIND
1.0 1.7 5.1 7 7 5.8 1.3 3.6 1.0 .1 5.4 1.4 1.2 .3 .1 .1 5.4 1.2 .7 .2	. — . 2	. 2	0	: · :	1.6	. m	: :	· · · · · · · · · · · · · · · · · · ·	•	•	•	3.7	11.1
1.3 3.6 1.9 .1 3.0 1.4 1.2 .3 .1 2.9 .2 .4 .6 .7 .2 .2 .4 1.7 4.1 .2 .2 .2 .1 2.6 4.2 1.2 .2 .1 .2 1.7 4.6 3.7 .1 .1 .2 1.7 4.6 3.7 .1 .1 .2 1.1 4.6 3.7 .1 .1 .1 1.2 6.9 8.4 1.1 .2 .1 1.7 6.9 8.4 1.1 .2 .1 .1 1.7 6.9 8.4 1.1 .2 .1 .1 .1 1.7 4.6 8.5 1.1 .2 .1 .1 .1 1.7 4.6 8.5 1.1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .2 .2 .3 .4 .6 .4 .6 .4	12.		0	1.7	2.1	۲.	•					5 . 8	12.7
1.4 11.2 .3 3.0 .2 .4 .6 .7 .2 .4 11.7 4.1 .2 .4 .1 2.6 4.2 11.2 .7 .1 .2 11.7 4.6 3.3 .7 .1 10.8 .2 11.1 6.1 6.0 8.3 11.1 17.2 .1 .2 1.1 6.9 8.9 11.1 17.2 .1 .2 2.3 3.7 .3 .3 1.1 1.2 .1 .2 3.3 3.7 .3 .3 1.1 1.2 1.2 .1 .2 3.4 3.4 3.6 3.4 3.6 1.2 1.3	سا سا چ		1.3	3.0	1.0							5.4	9.2
.2 .4 .6 .7 .2 .4 1.0 1.2 .3 .1 1.9 .1 1.7 4.1 .2 .2 .2 .1 2.6 4.2 1.2 .3 .7 .1 .2 1.7 4.6 3.3 .7 .1 10.8 .2 1.7 4.6 3.3 .7 .1 17.2 .1 1.2 6.9 8.8 1.1 18.1 18.1 .1 .2 2.4 3.7 .9 7.9 .1 .2 .4 .6 .9 .9 1.2 .1 .2 .4 .6 .9 .9 .9 .9 .1 .2 .4 .6 .9 .9 .9 .9 .9 .9 .1 .2 .4 .9 .6 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9	ENE		1. 4	1.2	٣.							D • N	7.5
.2 .4 .6 .7 .1 .9 .6 .1 .2 .1 .2 <td< td=""><td></td><td></td><td>C.</td><td>. 7</td><td>.1</td><td></td><td></td><td></td><td></td><td></td><td></td><td>2.9</td><td>6.3</td></td<>			C.	. 7	.1							2.9	6.3
.4 1.5 .3 .1 2.9 5.1 .1 2.6 4.2 1.2 8.1 .2 1.7 4.8 3.3 .7 .1 17.2 .2 1.1 6.1 4.9 .4 .2 17.2 .1 1.2 6.9 8.8 1.1 18.1 .1 .6 2.4 2.7 .9 1.2 .1 .9 .9 .9 1.2 .2 .4 .9 .9 1.2	FSE	۲.	• •	·	. 1							1.9	3 00
.1 2.6 4.2 1.2 8.1 .2 1.7 4.6 3.3 .7 .1 .2 1.7 4.6 3.3 .7 .1 .1 1.7 4.6 8.8 1.1 .1 1.7 6.9 8.8 1.1 .1 .6 2.3 2.7 .9 .2 .4 .6 .6 .2 .4 .6 .6 .2 .4 .6 .6 .4 .9 .6 .6 .4 .6 .6 .6	SE	ਤ •	. T	•	*	• 1						2.9	7.2
.2 1.7 4.6 3.3 .7 .1 15.8 .2 1.7 4.6 3.3 .7 .1 17.2 .1 1.7 6.9 8.8 1.1 18.1 .1 1.7 6.9 8.8 1.1 18.1 .1 .6 2.8 3.7 .9 7.9 .2 .4 .6 .6 1.7 .4 .6 .9 .6 1.7 .4 .6 .7 .9 1.2 .4 .6 .7 .9 1.2 .4 .6 .9 .9 1.0	L;		1.7	4.1	• 5							6.1	1.9
.2 1.7 4.6 3.3 .7 .1 .2 1.1 6.9 8.8 1.1 18.1 .1 1.2 6.9 8.8 1.1 18.1 .1 .9 2.3 2.7 .9 7.9 .2 .4 .6 1.7 .4 .5 .4 .9 .4 .9 .1 .0	 .1		9•7	5 · 5	1.2							œ.	ပ• ရ
.2 j.j 6.1 9.0 .4 .2 .1 j.j 6.9 8.8 1.1 18.1 .1 .5 2.3 2.7 .9 7.9 .2 .4 .6 1.7 .4 .6 1.2 .4 .6 1.2 .5 .1 .5	. S S	• 2	1.7	J.	ω •		. 1					10.8	10.5
.1 1,7 6,9 8,8 1,1 18,1 18,1 18,1 18,1 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1	:« .vi	• 2	1.1	6 • 1	C) • •	7.	•					17.2	11.9
1.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7	 S 3	. 1	1.2	6 • 9	ന വ	1.1						18.1	11.6
1.7	1	.1	<i>ن</i> •	2.3	7.2	?						7.9	11.4
1.2	.s .s .s		•	4	*	•						1.7	12.9
1.0	ž			.	ů.							1.2	12+3
	 			•								1.0	3.
	CALM		,,,,,,,,,	mmm.					,,,,,,,,,,		,,,,,,,,,	5.	,,,,,,
2.3	101415	α,	17.4	0 6 8	7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7	a) •	(, ,					0000	10.2

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္ပ TUTAL NUMBER OF OBSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DESERVATIONS ULGGAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICEZMAC

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1-3			•		:		•	• • • • • • • • • • • • • • • • • • • •		•	•	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
1. 1.6	DIRECTION (DEGREES)	1-3		7-18	11-16	- 12-21 - 22-	28-33	34-46				Tt TAL	ME AN IND
1. 1.6 .e 10.1 .3 .2 .2 .2 .4 .4 .4 .4 .4 .1 .1 .3 .2 .2 .4 .4 .4 .4 .1 .1 .1 .2 .2 .4 .4 .4 .4 .1 .1 .2 .2 .4 .2 .4 .2 .1 .2 .4 .2 .2 .4 .2 .2 .4 .2 .4 .2 .2 .4 .2 .4 .2 .1 .2 .4 .2 .1 .2 .4 .2 .1 .2 .4 .2 .1 .2 .4 .2 .1 .1 .1 .1 .2 .2 .4 .2 .1 .3 .2 .2 .1 .3 .2 .2 .1 .3 .2 .4 .2 .1 .4 .4 .2 .2 .1 .4 .4 .2 .2 .1 .4 .4 .2 .1 .4 .4 .2 .1 .4 .4 .2 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4		•	• C.	- -		• •	•	:		:		0.4	•
2.2 1.2 1.3 1.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2	 		1.6	•	1.1	m •						3 • 3	11.7
1.1	w Z		£1	1.5	.1	• 1						э М	8 • 9
.3 1.0 .2 1.5 1.5 1.1 .3 1.2 1.5 1.5 2.7 .9 1.8 1.6 .1 4.3 1.0 4.2 1.6 .2 7.3 .5 2.6 5.6 7.2 .1 11.7 .4 4.5 6.7 4.7 .1 18.9 .4 4.5 1.3 .2 18.9 .1 .7 1.4 .7 .1 .1 .1 .7 .4 .7 .1 .1 .1 .1 .7 .4 .7 .1 .1 .7 .4 .7	F N H		1.1	٠,	3							2.4	7.5
1.1 .2 1.2 1.2 .9 1.8 1.6 .1 1.0 4.2 1.9 .2 1.1 4.2 2.9 .3 .9 2.7 4.7 .1 .1 2.5 4.2 1.3 .2 .1 3.7 4.4 .7 .1 .1 3.7 4.4 .7 .1 .1 3.7 4.4 .7 .1 .1 3.7 4.4 .7 .1 .1 3.7 4.4 .7 .1 .1 3.7 4.4 .7 .1 .1 3.7 4.4 .7 .1 .1 3.7 4.4 .7 .1 .1 3.7 4.4 .7 .1 .1 3.7 4.4 .7 .1 .1 3.7 4.4 .7 .1 .1 3.7 4.4 .7 .1 .1 3.1 5.2 5.9 5.0 .1 3.8 5.0 5.0 5.0 .1 3.8 5.0 5.0 5.0 5.0 .1 3.8 5.0 5.0 5.0 5.0 5.0 .1 3.8 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0		₩ .		•								1.7	5.1
2.7 3.9 1.6 1.1 4.3 1.0 4.2 1.9 .2 3.6 5.6 7.2 .1 3.0 3.9 4.2 2.9 .3 3.0 3.0 4.2 1.3 .2 3.1 .7 1.4 .2 .1 .1 3.1 .7 1.4 .2 .1 .1	i st		٠.	•								1.1	7.0
1.0 4.2 1.6 .1 1.0 4.2 1.9 .2 1.0 4.2 1.9 .2 1.0 4.2 1.9 .2 1.0 4.6 2.2 .1 13.0 1.1 2.6 4.2 1.3 .2 1.1 .7 1.4 .2 .1 .1 1.1 .7 .4 .7 .1 .1	SE	C:	1.3	1.2								2.7	6.7
1.0 4.2 1.9 .2 .1 .2 3.6 5.6 2.9 .3 11.7 .4 4.0 6.2 2.9 .3 13.0 .4 4.0 6.7 4.7 .1 18.9 .1 2.5 4.2 1.3 .2 6.7 .1 .7 1.4 .2 .1 .1 2.7 .1 .7 .4 .7 .4 .7 1.9	SSF	6.	J. a	1.6	• 1							£ • 4	5.9
.5 3.6 5.6 5.2 .1 .6 2.6 6.2 2.9 .3 .4 4.5 6.7 4.7 .1 .1 2.5 4.2 1.3 .2 8.7 .1 .7 1.4 .2 .1 2.7 .1 .7 .4 .7 1.9	S	1.0	4.2	1.9	• 2							7.3	0.9
.6 2.6 6.2 2.9 .3 13.0 .4 4.6 6.7 4.7 .1 18.9 .1 2.6 4.2 1.3 .2 6.7 .1 .7 1.4 .2 .1 2.7 .1 .7 .4 .7 1.9	38.8	¢.	3. 6.	5.6	() (v							11.7	9 ° a
.4 4.5 9.7 4.7 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	: :x :0	· 6	<u>د.</u> ۱	6.2) ()							13.0	6.1
.1 2.5 4.2 1.3 .2 6.7 .1 .7 1.4 .2 .1 .1	34 S R	3	3 ()	2.0	4.7	.1						18.9	9.1
2.7		.1	u* • ∶√	4.2	1 • 3	£1						6.7	3 W
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	. — - 		. 7	3	۲.							1.9	3.6
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MINIMULATION TO THE TOTAL OF TH		:	į										

PLECENTAGE FREQUENCY OF OLCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOUNLY OPSERVATIONS ULOCAL CLIMATOLOGY BRANCH USAFETAC

,				•					MONTH		HOURS (LST):	1: 2100-2360	2300
OIRECTION 1		م ا	7 - 1 0	. ~	17-21 Z	SPLLL 2-27	IN MNOTS 28-33	34-48	41-47	46-55	56	101	, w
		1.7	1.6	1 . 1	• fry • • • • • • • • • • • • • • • • • • •	:	:	•	•		•	4.9	ж ж
באנ	M	1.4	9•	1 • C	۱۳ •	•						4 • 1	10.8
		1.		7.	.1							2.0	6 • 1
ENE	• 3	٥.	3	• 1								1.	6.
- — -		1.1	2.	m.								α.	3.3
f SE		m.	. 1	.1								. 1	8.1
SE		•	•	1.								1 • 2	6.1
385	. 1	. 7										1 • 4	7.0
У	٠.	7 • 7	1.6	÷								3	7.1
38.50	• 2	f. • f	£ 4 %	1.6								4.1	7.4
3.5	۲-	6.4	4.1	1.0	• 1							12.3	6.9
35 35 37 38	٥.	5	ប ភ	2 • 3	• 1							13.2	7.5
.4	۲.	the sub-	3.2	1.	• 1							10.0	f.1
3 2 3	-		1.4	٤.		•						2.7	9 &
3 2		1.7	æ	۶.	•							3.1	7.8
	2.	± • •	•										5.6
VARIABLE Í				:			•	•	•		•		
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PENCENTAGE FREGUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SPEED PENCENTAGE. ULUJAL CLIMATOLDGY BRANCH USAFETAC AIR WEATHEP SERVICEZMAC

IRECTION DEGREES) (100 100 100 100 100 100 100 100 100 100		7 –1 C	1 1-16	I 7-21	SPELC 42-27	IN KNOTS 28-33	34-48	41-47	48-55	GE 56	T (T A	ME AN FIND
	2	1.9	a • [1.1			•	•	•			5.3	9.2
J.N.	Ç	1.4	1,3	1.5	or •	•						5.4	11.2
ž	• 1	1.4	1.7	or •	.1	J •						4.2	80
 	• 1	. I	¢.	7.	0							2.4	7.6
. — .	. 1	<u>ن</u> •	9 •	~	c							1.3	7.0
l Sf	.1	3	<i>3</i>	~								1. 0	7.3
	. 1	• 6	۲.	• 1	<u>ه</u>							1.5	7.5
355	£2.	1.1	# "	^y •								5.5	7.3
	M) •	2 • 3	3.6	•	e•							6.5	1.6
358	•	٤٠٤	(M	σ• •	•	•						۴. ع	٥.
·E	5	• ;	4.1	67 4 63	<i>‡</i>	-						11.6	9.5
:# S #	л	;• £	ۍ د . د	о. М	3.							13.6	£ • 6
.3	7.	œ. • ,	3 · £	fy fy	•							17+2	3 15
DE 22.3	• 1	1.3	1.5	.,	.1	•						T.	5.5
3 3		1.2	1.0	, J	٠,	•						5 • 6	(<u>)</u>
	·.	1.5	1.0	3 .	5							# · ·	7.1
VAKIAPLE I	•	:	:	•	•	:	•	•	•	•	•	•	•
CALM	ининининининини	,,,,,,,,,	11111111	-		1111111				,,,,,,,,,	,,,,,,,,,	15.7	,,,,,,
		, (0	0		:4					c .	4

TOTAL NUMBER OF OBSERVATIONS: 1750

PERCENTAGE ENTRUTHEY OF GLEURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED. FROM HOURLY DESFROATIONS DECEMBE CLIMATCLOGY SKANCH USAFETAC

Į

-55 6E 56 1C	1-5 4-6 7-15 11-16 17-21 22-27 29-33 34-46 41-47 46-55 6E 56 10141 ME	11-3	•	FLRIOD OF FLCORD: 77-86 MONTH: JUL HOURS(LSI): UDCD-02CG
6. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		41-47 42-55 GE 56 TUTAL
.3 .6 .4 .8 .5 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	1.0	1.2 1.5 1.6 1.4 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	• PA	
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1.2 1.3 1.1 1.1 1.1 1.2 1	1.2	A B L F	1.0
.1 .1 .2 .2 .11	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1.	A B L E	·
1. 1. 1. 2	1.1 .1 .2 .1 .5 .1 .5 .1 .5 .1 .5 .1 .6 .2 .1 .4 .4 .6 .2 .4 <t< td=""><td>1. 1. 1. 2 2. 2. 2. 3. 1. 1. 5 3. 1. 2. 3. 3. 4 3. 5 3. 1. 2. 3. 4 3. 5 3. 1. 3. 4. 3. 4 3. 4 3. 4 3. 4 3. 4 3.</td><td>ABL.</td><td>₽. T</td></t<>	1. 1. 1. 2 2. 2. 2. 3. 1. 1. 5 3. 1. 2. 3. 3. 4 3. 5 3. 1. 2. 3. 4 3. 5 3. 1. 3. 4. 3. 4 3. 4 3. 4 3. 4 3. 4 3.	ABL.	₽. T
. 2 . 2 . 1 . 4 . 6 . 5 . 1 . 5 . 1 . 6 . 6 . 6 . 6 . 6 . 6 . 6 . 6 . 6	1.4 1.5 1.0 1.0 1.1 1.5 1.1 1.0 1.2 1.3 1.4 1.3 1.4 1.5 1.5 1.3 1.1 11.3 1.1 1.0 1.0 1.0 1.0 1.5 1.7 1.0 1.0 1.0 1.6 1.4 1.5 1.0 1.0 1.6 1.4 1.5 1.0 1.0 1.6 1.4 1.5 1.0 1.0 1.6 1.4 1.5 1.0 1.0 1.7 1.6 1.0 1.0 1.0 1.7 1.0 1.0 1.0 1.0 1.7 1.0 1.0 1.0 1.0 1.0 1.8 1.1 1.0 1.0 1.0 1.0 1.0 1.8 1.0	52 .1	A B L .	7,
1	1.0	1.1	A B L E	\$.
1.	1 2 1. 1 2 1. 1 2 4 . 5 4 5 1 2 . 3 . 5 . 1 . 3 . 1 1 6 . 5 . 5 . 1 . 3 . 1 1 6 . 5 . 5 . 5 . 1 . 3 . 1 1 6 . 1 . 7 6 . 1 1 7 . 1 . 7 6 1 8 . 1 . 7 6 1 9 6 . 1 . 3 . 7 . 1 2. 6 . 1 . 4 5 2. 6 . 1 . 5 6 1 3. 1 . 5 . 6 1 3. 1 . 5 . 6 . 6 . 1 3. 1 . 6 . 6 . 6 . 1 3. 1 . 7 . 6 . 6 . 6 . 1 3. 1 . 7 . 6 . 6 . 6 . 6 . 1 3. 1 . 7 . 6 . 6 . 6 . 6 . 6 . 6 . 1 3. 1 . 6 . 6 . 6 . 6 . 6 . 6 . 6 . 6 . 6	1.	ABLE.	0 • 1
. 6 2.4 2.3 .4 .2	.6 2.4 2.3 .4 .7 .8 4.6 2.5 .4 .7 1.1 6.6 1.3 .1 11.3 .9 5.2 2.9 1.3 16.1 .9 1.7 .9 3.1 .6 1.4 .5 2.6 .3 2.5 .6 .1	1.6 2.4 2.3 .4 .7 5.9 5.9 5.9 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11	ABLE.	4
. 6 2.3 .4 .7 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	.8 2.4 2.3 .4 .7 .8 4.6 3.5 1.3 .1 .1 1.1 6.6 6.5 1.9 .1 .1 .16.1 .9 5.2 3.9 1.3 .10.9 .6 1.4 .5 .2 .2 .2 .3 .3 .3 .3	1.6 2.3 .4 .7 11.3 11.3 11.3 11.3 11.3 11.3 11.3 1	ABLE.	# * #
1.1 6.6 6.5 1.9 .1 1.1 6.6 6.5 1.9 .1 .9 5.2 2.9 1.3 .9 1.7 .9	3 4.6 3.5 11.3 11.3 10.1 6.6 11.9 .1 16.1 10.9 1.3 1.3 10.9 10.9 1.7 .9 10.9 10.9 1.7 .9 3.1 10.9 .6 1.4 .5 2.6 1.3 3.1	ABLE 1.8	ABLE.	e • e
1.1 6.6 6.5 1.9 .1 .	1.1 c.b b.5 1.9 .1 16.1 .0 5.2 3.9 1.3 .5 1.7 .0 .6 1.4 .5 .3 2.6 3.1 3.1 3.1	1.1 c.b 6.5 1.9 .1 16.1 .9 5.2 2.9 1.3 10.9 .5 1.7 .9 3.1 .6 1.4 .5 .3C .b .1 ABLE	A B L E	11.3
0. 2.4 P. 1.3	10.9 5. 1.7 6. 1.4 7.5 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1	10.9 15. 1.7 16. 1.4 17. 1.9 18.6 19.9 19.9 19.9 19.9 19.9 19.9	A 8 .	16.1
. 5. 1.7 .0 1 .6 1.4 .5	. 5 1.7 .0 1 .6 1.4 .5 1 .3C .6 .1	ABLE 1.7 .0 3.1 2.6 1.4 .5 3.1	• B	10.9
1 .6 1.4 .5	.6 1.4 .5 .3C .6 .1	ABLE 1.4 .5 3.1 3.1 3.1 3.	AB.E.	3.1
	3.1	ABLE .3	ABLE	2 • 6
.3 6 .1		ABLE	ABLE	3 • 1

TOTAL NUMBER OF OBSERVATIONS: 73

FEIGENTAGE FREQUENCY OF OLCHRINGE OF SUPFICE WIND BIRECTION VERSUS WIND SHEED FROM THOUSE WATTONS GEGLAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

		• • • • • • •	•••••	:			•		•	•	
) 	•	7 -10	11-10	17-21 22-27	IN ANCIS 28-33 34-40	t 1 - t 1	# B # 5 5	. 30 . 30 . 30	7(TAL	MEAN PIRU
	. #	1.9	1 . 1	N N N N N N N N N N N N N N N N N N N		•	•			3.8	6.5
L Z Z	2.	3 • 4	1.0	3						О М	7.3
 .?	. 1	<i>3</i>	•	•	e					1.1	a PU
	1.	٠.	-							•	9.
- -		ů.	.							1.2	6.6
بر کو در		. 1	7								υ· υ
SE .	• 1	<i>3</i>	•							9.	₩) •
155	t 3 •	٥.								1.1	7
л		1.1	a. ₩	. 1						3.2	7.5
NS S	÷	3	1 • 6	න •	.1					3° 5°	7.2
34 SS	٠.	4 (*)	3.8	1.9						3	1.1
34 37 3.	6.	(.,7	4 · C	1.5	(1					13.9	7.2
	٥.	7.	6.2	4.						9.5	4.0
- ~ 3 2 3	un •	(.) •	7 • 1							3 • 5	3.6
1 2	٠. •	. 3	υ΄. • ••	~						3 3	J• 9
3 2 2	٠.	5.7	٠							5.4	5.1
VARIABLE	•	•	•	•			•	•	•	•	•
CAL" 1,	mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm	,,,,,,,,,		111111111			minni.	,,,,,,,,,,	,,,,,,,,,	33.5	,,,,,,
TOTALS	6.1		71.1	a	<i>3</i>					1.00.0	3

ICTAL NUMBER OF ORSERVATIONS: 750.

Percentage Freduency of alcoprence of subface wind direction versus wind sfeed From Hourly observations ULUBAL CLIMATOLOUY PRANCH USAFLIAC

VARIABLE | **************** 7,3 х С 8.7 7.3 1.1 5.7 7.1 **M** 9.0 7.3 7.8 8.5 5.7 0.9 5.5 . 111111 071# HOURS(LST): 06-10-0600 ۵. دم 1.00.0 7 . 5 4.6 3.5 1.5 1.3 13.5 10.3 7.5 4,2 1.6 1.7 £ . 3 5.1 4.5 18.6 ŝ 17-86 PERIOD OF RECORD: MONTH: JUL HOUR ~ 17 ٦. 7 OIIS ANCH MA C 0 Ξ. () (v . . . ٥ . 0.0 STATION VAME: 7.5 9 • E 1.5 ن دع ن 4 ن • • , , ر. د ر ₹. 10 1. t 5•1 **7** 4.7 **].** 6 ٥. 1.4 • ٠. M1 ٠, 4.6 ; AIR MEATHER SERVICE / MAC STATION NUMBER: 725060 **.** 3 DIPECTION (DEGEES) TOTALS CALM 55, \$ 5. 2 2 3 222 S. 3 ل ا ا i SÉ 35 2 2 3 z ر ب £

TOTAL NUMPER OF OPSERVATIONS: 730

PERCENTASE FREGUENCY OF OLCORRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM VERSUS WIND SPEED CLU, AL CLIMATOLOGY GRANCH USAFLTAC AIR WEATHEN SFRVICEZMAC

1-2				•			•						
No.	UPECTION 1) -	3-15	11-15	2 1	- :1	34-46	41-47	48-55		7 (TAL	ME AN
1.1 1.2 2.6 2.2 3.4 3.4 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5		•	• (, • • · · · · · · · · · · · · · · · · · ·	:		m.	•			•		5.1	3.0
4.5		.1	1.7	C. • •u	5.5	3						6.5	10.1
1.1 1.5 1.4 1.3 2.4 1.2 1.4 1.1 1.1 1.2 1.2 1.1 1.5 1.4 1.4 1.4 1.2 1.2 1.1 1.5 1.5 1.4 1.5 1.1 2.5 2.5 1.2 1.5 1.5 1.4 2.5 1.3 2.6 2.5 1.3 1.4 2.5 1.3 2.6 2.5 2.5 2.5 1.2 1.4 0.7 2.7 2.7 2.7 2.6 2.9 1.2 1.4 0.7 2	···	-	: -	u° C	:							4.5	ų. 9
2.4 3.6 3.4 3.1 3.2 3	د د الا	-:	•	•								∵• ?	7.1
11. 1.5		٠,	1.7	7.	•	•						2.4	8
1. 1.5 1.5 1.5 1.5 1.5 1.5 2.5 3.5 <t< td=""><td></td><td></td><td>•</td><td><i>τ</i></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1.2</td><td>9</td></t<>			•	<i>τ</i>								1.2	9
11 1.5 1.	:. :.	Ç	э· •	1 • 1	••							٠.	7.0
3.7 .6 .5 <	285		1.5	7 • 1	:							M)	7.9
.2 1.6 2.6 3.5 3.9 3.	л	•	?•;	Cu •	u.	• 6-1						6.5	1.9
3 2.6 3.53	* S 5:	(1	1.5	()	•	•	-1					9.	⊔ •
.2 4.6 6.5 6.7 .9 16.7 1 .2 4.6 6.7 2.7 14.2 14.2 .1 1.9 1.9 1.1 .1 5.2 .1 1.6 2.4 .6 .1 4.8 .1 .4 .5 .5 .7 3.3 1		• h.	٤٠,	5. 5.	5) •	٠ <u>.</u>						ф Ф	5.5
14.2 1.7 2.7 14.2 14.2 1.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1		۴.	a. •)·)	(**)	٥.						16.7	10.5
1 1.6 1.9 1.1 1.1 1.1 1.2 1.2 1.3	· · · · ·	**	* †)- • •	1.3							14.2	PV) • cC
4.8 .1 1.6 2.4 .6 .1	2		© • • • • • • • • • • • • • • • • • • •	1 • 9	1.1							5.2	F 3
S. S	3		1.6	5	ç.	. 1						a: -	80 64
	*22		3	1.5	ir.	r.	₹. •					© ₩	10.5
	י ראניי	,,,,,,,,,,,	,,,,,,,,,	mmm.	111111111	,,,,,,,,,,,,,,	mmmm.	,,,,,,,,	,,,,,,,,	,,,,,,,,,,	,,,,,,,,	7.7	,,,,,,,
F.F MINIMAN MANAGEMENT AND THE PROPERTY OF THE		,	ŕ			3. 2	~					0.00	3

355 TOTAL NUMPER OF GESTRVATIONS:

ULUGAL CLIMATOLOUY SKANCH UMAFETAC AIP AFATHER SERVICE/MAC

PLPCEWIASE FREGUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SFEED FROM TROP HOURLY OFSERVATIONS

STATION NUMBER: 725060 STATION NAME: OF IS ATOR MA

I

_					2213	ATOMY OF BEING ONLY	•					
DIRECTION (DEGREES)	¥-1	4 - 6	L 1 - L	1 1-1 c	17-21	22-27 28-33	34-40	41-47	46-55	GE 56	TCTAL 2	ME AN
			• 60	70							2.3	6.5
142 42 22	•	•	ۍ د)	1.2	9•						G • 9	10.6
 	C ₁₀	ĭ•1	2 • C	1.4							4.7	9.1
	.1		<i>S</i> . • I	9•							ئ • (م	€ U
۔ ۔۔۔		3	7.		<i>c</i> :						7 • tr	9.1
ر ب الي الي		•	#: •	. 2							1.5	4.7
L.J.	. 1	1• €	w •								1.9	6.9
35.	.1	1.9	(1 (1	5.	. 1						3 *	7.6
.)	.1	9•1	3 3	ð.	.1						9 · 6	8.2
"# ./a ./a		1.4	4.7	%) •	3						6.6	10.4
- 	-	1.6	2.9	G G	,.						14.4	10.8
'g .1	7.	٠٠٢	0.1	5.31	c.						22.4	11.1
·		1.2	7 • 7	† • (g	<i>ن.</i>						യ •	16.2
		<u>٠</u>	1.3	•							2.8	8.2
.:		r,	u.	1.0							1.9	11.2
		•	٠,	• 1	(,						•	11.4

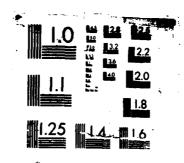
29.7

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./ 1

150.0

OIIS ANGB MASSACHUSETTS REUISED UNIFORM SUMMARY OF SURFACE HEATHER OBSERV. (U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A. 12 JUN 87 USAFETAC DS-87 040 4D-A183 452 2/4 LMCLACCIFIED NL



MICROCOPY RESOLUTION TEST CHART

PERCENTAGE FPEQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS ULDEAL CLIMATOLOGY BRANCH USAFETAC AIR WFATHER SERVICE/MAC

					ONI	SPEEC IN KNOTS	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
OF GREES)	1-3	3 .	7-10	11-16	17-21	22-27 28-33	41-47 48-55	GE 56 TC	TCTAL	ME AN E IND
2			&	.		•	• • • • • • • • • • • • • • • • • • • •	•	1.4	9.2
382	~	*.	1.3	9.						
 	.2	1.1	1.9	1.1					0 1	5
E N E	:	œ. •	1.6	*	·				· ·	σ• •
۔ ۔۔۔	:	«	ω •	• 2					1.0	D :
r se	-	1.1	1.2	.1					÷ (= 1
		1.6	1.5						5 1	s• ;
SSE	:	1.7	1.5	••					2 · .	3 .
- - -	en •	¥.	5.2	٥.					•	*
35.	7	3 .	ú	,	c				10.5	7.2
	•	c 1	9	•	•				12.4	7.6
•		0.	7.1	ۍ ټ	<i>3</i>				16.2	10.5
		1.3	G • 6	12.7	1.5	. 1		Ĭ	24.6	11.8
	7	5	2.7	3.3	۳.				6.9	11.5
38.5		-	~) •	σ•					4	
2		*	1.6	٥.	.					
		:	6 13 ■	9.	• 5				1.3	12.2
VARIABLE			:	•	:					
	,,,,,,,,,,,	,,,,,,,,,,,	,,,,,,,,	,,,,,,,,,	,,,,,,,,,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	2.3	/////
TOTALS	2.2	10.4	3,00	41.2		ſ				

C. 5 TUTAL NUMBER OF DRSERVATIONS

I

PERCENTAGE FREJUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSFRVATIONS ULUGAL CLIMATOLOGY SHANCH USAFETAC A IM AFATHLM SFRVICEZMAC

1-3		:	•		•	TAMES ADDRESS TO A MACEN	• • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
2.3 6.9 1.1 1.1 1.2 6.2 1.1 1.2 6.2 1.1 1.2 6.2 1.1 1.3 6.2 1.1 1.4 6.2 1.2 6.2 1.3 6.3 1.4 7.3 1.5 6.4 1.6 1.7 9.3 1.7 9.3 1.8 6.6 1.9 7.4 1.1 1.0 1.1 1.0 1.1 1.0 1.2 1.0 1.3 1.0 1.4 1.0 1.5 1.0 1.	C 1846 1168 1	~ ·) - ,		11-16	7-21 42-27 28-33 34-40 41-47	E	TCTAL \$	HEAN
1.0 1.0	· - ~	• • •	•	• •			•		6.9
1.3	7	•	• en	Ť	4			1.9	7.1
1.0 1.0		~	1.1	-				1.3	4.7
1.1		':	•	3,	•	• 1		1.9	7.4
1.5 1.5 1.5 1.5 2.6 2.7 2.7 2.6 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8		;	3	3.				1.1	9.9
2.6 1.3	 	:	•	*				1.2	6.2
11.3	· -	-	1.5	· ·				2.6	6.5
11.8 5.6 7.7 .8 10.2 .4 2.6 7.4 1.5 9.3 .2 5.7 5.3 .3 15.6 11.4 5.6 5.0 .4 24.4 .1 2.6 4.4 1.6 8.8 .2 .4 .3 1.2 .2 .4 .5 .1 .4 .5 .1 .9	. - -	٠.	J° • 1	•				8. 8.	5.1
1.4	,	1.3	٠	•	٠.			10.2	5.9
15.6	• • • • • • • • • • • • • • • • • • • •	7.	•	3	-			9.3	7.9
1.4		•	•	· ·	د م			15.6	8.6
8.8 1.2 1.2 1.2 1.3 1.4 1.5 1.5 1.7 1.7 1.7	3	* -	•	7.2	7.0			24.4	9.1
1.2			•	3	•			8 . 8	9.6
	- -	·;	•	3	•			1.2	4.1
1.7		•		-	٧.			6.	7.1
	· - ·		÷.	•	•	• 1		1.7	9.5
	,	,,,,,,,,,,,,,,					,,,,,,,,,,,,,,,,	11.8	,,,,,,
11.11 11.11.11.11.11.11.11.11.11.11.11.1		٠	,			•			,

TOTAL WIMPLE OF GESENVATIONUS

FI LENTAGE FEEDUENCY OF CCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY DESERVATIONS CAUSAL LITHATICULY HHANCH CLARCIAC 6 In MERTHEN SEMIEEZPAC

PEFIOD OF RECOPD: LIATION NUMBER 175062 STATION NAME: OTIS ANGE MA

17-86

1	_					WIND SPEEC IN KNOTS	SPEEC 1	Th KNOTS					h KNOTS	
3.0 6.4 1.1 1.1 1.2 10.8 1.2 10.8 1.3 1.1 1.1 1.1 1.4 1.1 1.5 1.1 1.7 1.1 1.8 1.1 1.9	OF CARTON	•	ند ا ع	7-4.	-	17-21	22-21	28-33	34-45	41-47	48-55	95 39	TCTAL	HEAN
1.2		•	* -		•	:	•	•	•	•			:	•
	Ž,		٠.	3.	~~	٠,							1.2	10.8
11.1	ĩ	•	•										&	9.
11. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	7	•	•	•	•								1.1	7.6
1.1		.	· •	•									9	6.8
1.2 1.2 2.8 1.8	75.	-	•	3.									9	7.0
15. 15. 15. 15. 15. 15. 15. 15. 15. 15.	. 		•	•									1.2	5.5
1-7 4-7 1-1 9-0 1-8 5-7 7-1 1-7 5-0 1-8 5-7 7-4 3-5 12-9 1-8 6-8 3-5 18-6 1-8 1-8 1-8 11-6 1-8 1-9 1-9 1-9 1-9 1-9 1-9 1-9 1-9 1-9 1-9 1-9	. — . 	•	•	•									2.8	5.0
10.7	. 	•	;		~.								7.3	5.6
10.7 5.7 7.6 12.9 10.6 6.7 7.6 5.5 11.6 7.6 7.6 7.6 7.6 11.6 7.6 7.6 7.6 7.6 11.6 7.6 7.6 7.6 7.6 7.6 11.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7	•		•	•	1 • 1								0.6	8.
18.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	•	•	7.5	•	1.1	•							12.9	7.5
11.6		*:	•	7.4	ν. 								18.6	8.0
1.4		•	:	•	3 • 1								11.6	7.1
1.4		':	•	*.									1.4	5.6
1	;	-	٥.	*									1.4	5. 4.
	***		:	•	•								2.2	7.0
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				,,,,,,,,,,		,,,,,,,,,	,,,,,,,,	,,,,,,,,,	,,,,,,,,	,,,,,,,,	24.3	,,,,,,,
	TCTALS	7.0	***	***	· · ·	٠ •	-						100.0	2.5

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TITAL BUMPLE OF CISENVATIONOS

PLICENTAGE FRESUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUMLY DESERVATIONS SECOND CLIMATOLOGY HEAGON CHARGON CLARETAC ATH MEATHER SERVICE FRA

_					GW I	APERICAN AND TA						
UPPECTION F		-	.; -	-	17-21	-51	34-45	41-47	48-55	6E 56	TCTAL 3	MEAN
	• • • • • • • • • • • • • • • • • • •	 		•		•	•	•	•	•	3.7	7.*
ĩ	•	•	7 - 7	ť.	4						3.5	9.2
>	':	a.	,	•	7.						2.5	8.3
	:	•,	•	**	:						1.9	7.6
	:	#1 •	·.	7	:						1.3	7.5
	:	•	•	Ç							1.0	6.9
;	-	•	•	·.							1.8	6 • 3
- -	•	•	•	-	ور•						2.1	9
^ 	3	**	÷.,	٠.	7.						6.9	6.9
755	•	:	7.1		•	L					7.8	8.5
<u>.</u>	*.	*	÷ ;	2.5	₩. •	i					12.3	0.6
* 5 4	.,	•	7	T' •	٠.	ن •					18.8	9.5
	•		•	* *	7.	.					10.1	8.1
•	•	€ 9 10 10	1.	*	.						2.8	1.2
;	•		•	7.	-:						3.4	7.5
	•	·:	*	4.	•	<u>.</u>					2.1	7.5
APIALLE	•	•	•	•	•		•	•	•		•	•
כשרה			,,,,,,,,,,	,,,,,,,,,	,,,,,,,,,,,,	THE				,,,,,,,,,	16.8	111111
	,											,

7455 TOTAL AUMPLE OF BRSEKRATLONDS

PLACENTASE FREGUENCY OF OLLUPRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS ULUGAL CLIMATOLOGY REANTH USAFETAC A 19 WEATHER SERVICE/MAC

. 37			UT-1		#IND SPEEC 10 17-21 22-27	14 A	%015 33 34-46	2 4-1 4	48-55	GE 56	TCTAL MEA	MEAN
		1. 6 1.	1:1	•	. 1	•	:	•	•		3.3	0.9
u Z	· •	1.5	1 .	~;							3.5	7.3
 - 2	:	4	•	\$							2.5	8.5
		•	•	;							1.6	9.6
-	-	**	•								1.1	6.7
rse	7	' .	•								*	3
- - -				7							2.	10.0
ر ا ا		*	•	7							1.3	7.4
<i>y</i>	6 7	•	1.4	٠,							*	6.1
\$ S II	ur.	4 • 1	1.4	1.1							9•9	7.1
3	•	\$ •	1.6	ى •							7.8	6.2
3	•	5	3	2.5							12.9	1.1
•	2.0	r. *	€ •	*							10.1	9
3 2 3	•	•	•	٣.							2.8	0 • 9
2	۶.		1 • C								3.7	S.
3 2 2	an a	5 .	-:	-							1.8	9.
VARIABLE !	•	•	•			•	•	•				
CALM 1,	mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm	,,,,,,,,,				,,,,,,,,,,,,,	,,,,,,,,	,,,,,,,,		,,,,,,,,,	35.9	,,,,,,
TOTALS	4	,	3	•	٠	-						•

5 TOTAL NUMBER OF OBSERVATIONS:

PLECENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOUKLY OBSERVATIONS GLOZAL CLIMATOLOGY PRANCH USAFETAC AIR MEATHER SERVICE/MAC

1

1-3 4-6 7-10 11-10 17-21 42-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN 6.5 6.5 0.6 5.5 7.5 2.5 8.3 7.1 7.2 6.7 7.4 6.8 7.1 6.0 5.0 7.2 8.8 111111 DNIM RD: 77-86 HOURS(LST): 0300-0500 34.7 100.0 0. 7.3 0.4 3.0 1.9 4.6 5.7 10.2 8.7 2.4 . 8 1.0 • 2 -2 80 PERIOD OF RECORD: HONTH: AUG ~ Cu ? C ٦. -: 4 OTIS ANCH ÷. 1.7 · • • ÷ ** -. 9 1.. ٠. ۲., • -٠, 1. ٠, STATICA NAME: *د.* w. ٠, . . . • ₹. ٦. 3 ۰. STATION NUMBER: 725060 £. ۲. ۲, UIPECTICA IDECAEFS) VARIAFLE * 2 . ,163 .E (3 A 5 * ZNY Ž 5 SE <u>ت</u> . S. ž •

TUTAL NUMBER OF OMSEMBATIONS: "SU

PLICENTAGE FREQUENCY OF OLCORRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OPSERVATIONS ULU, AL CLIMATOLUCY ENANCH USAFLTAC AIR WEATHER SERVICE/MAC

	•	•	•		IND SPEED	IN ANOTS						
CIFECTION 1	1-3	٠ *	7 - 1 C	11-16	17-21 22-27	28-33	34-40	4 1 - 4 7	48-55	GE 56		Z .3
	un	3.4	3.8	?	•	•	•	•	•	•	. s	M. ~
***	•	•	1.6	1.7	3						7.3	8.5
	ئى	1.1	J•2	٠.	-						4.3	8.2
	•	3 • f	1.2	*	• 2						3.1	8.3
		٠.	•	\$							2 • 3	6.9
	··	:									٤,	3.0
 		٠,	•								\$	9.9
200		1:1	<u>ء</u> •								2 • 0	9.6
,	ę.	1.0	1.7	3,							4.6	6.9
3 5 8		5.5	() ()	3,	.1						5 . 4	7.3
* •	*. 	1.1	3.2	1.1	. 1						8 • 0	7.8
3	٠.		4. 3.	4.2							11.4	8.2
	1.3	?. R.		1. 3	2.						10.8	6.8
78 22 4	, c.	1.5	٠.	• 5	Č.						4.1	7.3
38 2	*. 	•	7.	٠.							£ • 4	7.5
2 2 2	e. 	a ⊶) · C	•								9.9
VARIABLE		•	•	:	•••••••••••••••••••••••••••••••••••••••	•		•	•		•	•
CALM		,,,,,,,,,								,,,,,,,,,	19.0	,,,,,,
		;	,		-						100.0	0.9

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I

TOTAL NUMBER OF COSERVATIONS: 430

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS ULUBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHEM SERVICE/MAC

• • • • • • • • • • • • • • • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • • • •	•	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • •	•••••••	•	• • • • • • • • • • • • • • • • • • • •
JIRECTION (DEGREES)		£ t			N ON	C IN KNOTS 28-33		41-47	8-55	i ii	AL)
	• m	1.0	6.1	8 . 1							5.3	7.6
NNE	• 5	1.0	3.9	3.2	• 5						8 . 5	10.3
,	3.	٤٠٦	e: M	1.9	۳.						8.8	9.1
ENE	ů	1.5	1.9	•	• 2	• 1					4.6	8.7
د حد د	iņ.	1.1	•	(7							2.5	6.3
ESE	.1	•	.								1.5	0.9
SE		÷.	•								1.3	7.8
SSE	•	¥.	<u>د</u>	• 1							2.3	4.
s	\$	1.7	2.6	1.5							6.3	æ
#SS#		2.2	3.0	۴.	• 2	8					5.9	8.6
3.5	•	0 · 7	ب 1	2.2	• 5						9.2	9.2
HS H	3 .	2.4	5.8	5.3	1.2						15.1	10.6
	• 5	4	4 • 5	1.9	.1						9.1	& &
* Z	• 3	1.7	1.7	Ď	3						5.1	8.8
3 2	• 2	٥.	1.6	.2	• 2						3.1	8.1
3 2 2	(1	1.1	1.1	ř.	٣						3.2	8.8
VARIABLE !		•	•	•	•							
CALM				,,,,,,,,,	mmmm		1111111	,,,,,,,	,,,,,,,,,	,,,,,,,,	8.2	111111
		1			,	=						ć

TOTAL NUMBER OF OBSERVATIONS: 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLOGAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NAME: OT IS ANGE MA

STATION NUMBER: 725060

77-86

PERIOD OF RECORD:

7.3 8.2 9.2 10.3 4.0 8.9 6.6 6.6 9.5 9.2 9.5 6.9 8.1 11.1 11.2 9.1 3.6 ////// ME AN WIND HOURS (LST): 1200-1400 14.0 2.5 3.8 6.8 6.7 16.7 2.2 2.3 0.6 1.6 3.4 160.0 7.4 5.1 2.4 MONTH: AUG -0.1 5.3 .2 • • 2 ٥. ₹, 2 5.0 7.2 25.3 6. 1.7 1.9 1.1 ٣, ٥. 1.2 6.1 1.8 9. • 5 Ç Υ, 3 1.8 4.3 3.2 6.3 1.2 1.3 1.2 6.44 3.6 3.9 1:1 7.4 5.1 . i 3. 7 æ 1.7 2.7 . . 1.7 3. 1.1 1.2 1.1 ټ • 1.4 • 7. ÷ 19.3 1.7 1.1 1.6 M . -: ۲, --٦. 2. (DE GRE ES) VARIABLE TOTALS CALM 13.5E NSS S I SE 3 2 3 3 2 2 2 2 . . . 2 FNE S 2 5 w

676

PEQCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS ULOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: STATION NUMBER: 725060 STATION NAME: OT IS ANGB MA

STATION NUMBER:	725060	STATION	NAME:		I P	,		PERIOD OF REMONTH: AUG	C08	17-86 HOURS (LST):	86): 1500-1700	
DIRECTIO (DEGREES	1-3	3) - 2	7 -10		M1 17-21	EED IN KN	•	41-47 48-	S.S.	GE 56	GE 56 TOTAL MEA	MEAN
·		. M	6.	. M	. 1	•	•	•			1.6	9.5
NNE	٤.	2.2	3.1	1 • 3							7.0	8.3
NE NE	*	2.8	2.6	1 • 4	ທຸ						7.6	8.5
ENE		2 • D	2.9	6	•1						6.1	8 • 2
 	.	1.1	1.0								2.5	5.6
ESE	<i>s</i> .	a.	.								1.6	5.4
SE	:	1.7	6	•1							2 • B	6 • 3
SSE	₹.	ы: . М	1.9	۴.							5.2	1.9
s	:	2.6	2	6.							7.5	8.1
38 SS SS	۳. 	1.1	3.2	1.1	• 2						6.5	80
78 5		1.1	\$	5.8	<i>3</i>						14.2	11.0
33 V) 38	m •	3.6	9.1	6.0	1.2						23.1	10.9
3		1.1	3.2	2.0	• %						7.0	10.9
3 2 3		-	9.	• 5	• 5						1.5	11.6
3 2			•	٣.	-:						1.3	11.0
3 2 2		3	•	• 2							1.0	8.0
VARIABLE		•		•	•	•	•			•		
CALM	mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm				,,,,,,,,,,,,		,,,,,,,,,,	,,,,,,,,,		,,,,,,,,	4•1	,,,,,,
TOTALS	3.0	22.3	41.8	25.1	3.5	• 2					100.0	0.6
							•					

930

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC

STATION NUMBER: 725060 STATION NAME: OTIS ANGB MA

AIR WEATHER SERVICE/HAC

7.2 7.0 5.3 5.3 5.0 5.8 7.6 7.5 8.7 8.4 10.0 **9** • 4 8.1 8.9 9.9 HIND HOURS(LST): 1800-2000 15.7 100.0 2.0 8.6 1.8 1.0 1.0 8. .5 6.3 13.8 2.9 4.5 1.7 2.3 8.6 17.5 PERIOD OF RECORD: HONTH: AUG HOU 5 ~ ٦. ٦, 9 ٦. 1.3 1.6 4 0.1 ٣. 11.2 2. ٦. ٠,2 30.9 2.0 4.3 ٠, 7. 9 8 3°€ 1.0 2.5 32.8 1.7 ± •0 4.5 **6.1** 1.6 .2 -... 1.1 1.2 7.7 0 S ထ 9 5 9 VARIABLE (DEGREES) TCTALS 38.3 .s 3 2 3 3 2 2 N. N.E FRE ESE NS S <u>بر</u> SF SSE 3 2 S **...**

936

GLOUAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTASE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS STATION NUMBER: 725060 STATICN NAME: OTIS ANGE MA

· z ~		1-3 4-6 7-10	7 -10	11-16	#IND SPEE 17-21 22-27	E IN KNOTS	34-40	41-47	48-55	55 GE 56	TCTAL ME	MEAN
. 2		1.3	•		•	•	•		•		2.5	6.7
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ы 2	• 2	1.3	.	.1	٤.						2.7	8.0
ENE	.	J•1	ας •	m,	• 1						2.6	7.9
		\$.	<i>\$</i>		. 1						1.2	7.7
r se	.1	9.	Mi •	7.							1.2	9.
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SSE	٠ •	6.	• 1			-					1.3	4.3
	1.5	3.1	1.3	m.							6.2	5.5
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35	a)	3.5	3.0	1.4							10.6	6.9
38.5	1.6	6.2	œ	1.5	m.						14.5	7.3
.8	1.6	4.7	2.0	1.2	9•						10.2	7.3
323	ស	9.	*	4	.1						2.0	7.5
.a.	• 1	1.2	uc •	• 5							2.3	9.9
* Z Z	3.	∞ •									1.4	4.3
VARIABLE	•	•	•							•		
CALM	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,	mmm			mmm.	,,,,,,,,,	· · · · · · · · · · · · · · · · · · ·	,,,,,,,,,	,,,,,,,,,	29.7	//////
TOTALS	6.6	32.6	18.9	7.2	1.7						130.0	4.8

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS ULCGAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

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_					H 2	۵	IN KNOTS						:
DIRECTION (DEUNEES)		フーカ			17-21	22 -27	~	34-46	41-47	48-55	6E 56	TCTAL	MEAN
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	*	1.3	œ •	• 2								2.6	
 s	\$		2.3		: •							5.9	
MSS	<i>5</i>	ਚਾ :•	2.6	6.		J•						9.	
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	• •	١٠ ٠	9.	~.	-:							2.4	
VARIABLE]					•	:							•
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TOTALS I	•	,											

TOTAL NUMBER OF UBSERVATIONS: 7439

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS GLUBAL CLIMATOLOGY BRANCH AIR MEATHER SERVICE/MAC USAFETAC

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#IND SPEEC IN KNOTS 11-16 17-21 22-27 28-33 34-45 41-47 48-55 GE 56 TCTAL MEAN 7.0 5.7 9.9 8.3 S . S 5.9 7.1 7.3 9.8 5.5 8. 7.6 6.1 9.1 7.4 ONIB HOURS (LST): 0000-0200 5.0 3.7 37.3 4.0 3.0 3.0 2.7 10.7 5.8 0.9 100.0 œ 80 o. 6.1 1.7 3.1 PERIOD OF RECORD: MONTH: SEP HOU 1.1 C. 2.0 OTIS AVGR MA 1.4 1.0 1.0 2.0 6.3 9. ~ -: 1.6 1.8 STATION NAMF: J• C 1.1 ري ده 2 · C 2.8 4.1 1.0 • 5 • 1-10 2.5 1.3 0.7 ..2 9 9 1.4 ٥. 1.3 ۲. پ **.** STATION NUMBER: 725060 1.4 o, • 5 1-3 DIRECTION (DEGREES) VARIABLE CALM L Z INE ESE SSE S S 16 300 3 2 3 7 2 2 س ج ŠĒ Š]3 Z S W

PENCENTASE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED. FROM HOURLY OBSERVATIONS

SLUGBL CLIMATOLUGY BRENCH USAFLTAC AIR WEATHER SERVICE/MAC PLPIOD OF RECORD: 77-86
HONTH: SEP HOURS(LST): 03U0-05C0 STATION NUMBER: 725060 STATION NAME: OTIS ANCH MA

NME	DIRECTION (ř;	9	J-10	1 1-1 6	17-21 22	17-21 22-27 28-33	34-40	4 1-47 4	48-55 6E 56	4 TCTAL	MEAN
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3.6	f NE	.5		1.							2 • 1	
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.2 .4 .1 .8 .8 .1 .2 .5 .5 .8 <t< td=""><td>! se </td><td></td><td>•</td><td>. 7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	! se		•	. 7								
2.7	st I	C1	3		-						•	
.2 .6 1.6 .7 .3 .5 3.6 .2 1.6 .4 .1 3.9 .2 1.6 .4 .1 8.7 .3 1.4 .7 8.7 .4 1.1 1.0 11.0 8.7 .2 1.6 .5 2.7 .3 2.0 .9 .9	388	P .	·•	•							•	
.2 .6 1.6 .7 .3 .5 3.6 .2 1.6 1.6 .4 .1 3.9 .3 2.6 3.3 1.4 .7 8.7 .3 1.1 1.0 1.0 .9 5.2 .3 2.6 .9 .3 2.7 .4 3.7 .9 .2 2.8 .9 .7 .9 .7	 -	•	•	1.4	**						2 • 1	
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.7 5.5 5.3 1.4 .7 8.7 .3 1.1 1.0 1.0 .4 5.2 .2 1.6 .6 .3 2.7 2.8 .4 3.7 .9 .7 5.2	35	(7	1.6	1.6	<i>3</i>	. 1					, • K	
3 2.7 3 3.7 3.9 5.2 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	3	•	5 . 3	3.3	<i>*</i>						Œ	
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FO CENTANE FOLGUERCY OF OCCUPATION OF SURFACE WIND DIRECTION VERSUS WIND SPLEU. OLOSETAL CLIMATOLOGY FRANCH OLASETAC AIN MEATHER NEWSICKNAS

	17-86
	PLHIOD OF FECURE:
	OTIS ANDH MA
	STATION NEWS
TREATER AND	STATICH NUMBER: 725067

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•				-						6.2	9.1
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CONTRACTOR TO CONTRACT BURGO DIRECTION AND SON BURGO SPINIS THE POST SOUTH TO CONTRACTOR SON Programme and the second of the second of the second of A CARROL MUCHALITATION OF THE CAR AIN AFATHER STREETLYPAL

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17-06 FEETON OF MECORU: 1 15 6 4 1 CARTICA NUMBERS TOSCON STATES NAMED

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TOTAL SCHOOL OF UPSITANTION OF

Fructifier friggency of outcomency of suppression substance also direction versus aind speed from CLORAL (LIMATILOCY AFASCH ULAFETAC ULAFETAC AIN AFATHE SENVICEZMAC

PER130 OF RECORD: STATION NUMBERS 275060 STATION NAMES OF IS AND MA

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	* 2 2	:	•	1.6		r. •							2 · A	10.3
	TOTAL	>. -	1 1.0	;	3	3		-:	-				100.0	9

FOTAL NUMBER OF DESENVATIONS: - ...

PEFLICITAGE FELLENCY OF OLCURRENCE OF SUMFACE MIND DIRECTION VERSUS WIND SFEED FROM HOUMLY OPSERVATIONS ULUCAL CLIMATOLOGY SHANCH USAFETAC AIR WEATHER SCRUTCE/MAC

PEPIOD OF RECORD: 77-86 MONTH: SEP HOURSILSTI: 1500-17CO STATICA NUMPER: 725060 STATION NAME: DITS ANGE MA

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N	IDE GREES!									?	; ;		INC P
11 3.4 4.1 2.4 .3 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.8 10		-		-					•	•	•	2.9	- E
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5.2 3.6 4.3 .9 .1 3.7 1.1 .7 1.1 .7 1.8 1.2 1.2 3.0 2.2 2.2 1.4 4.1 1.1 1.2 1.1 4.1 1.2 1.1 1.2 1.1 8.0 9.0 1.2 1.1 9.0 1.2 1.1 1.2 9.0 1.2 9.0 1.2 9.0 1.2 9.0 1.2 9.0 1.2 9.0 1.2 9.0 1.2 9.0 1.2 9.0 9.0 1.2 9.0 9.0 1.2 9.0	·		**	4.1	#• EX	9						10.1	9.1
1.1 .7 1.8 1.1 .7 1.8 1.2 .2 .2 1.2 .2 1.4 .2 1.2 .2 1.1 .1 .1 1.1 1.2 1.1 .2 8.0 1.2 1.1 1.2 2.6 4.9 1.2 .1 14.0 14.0 1.1 2.1 1.8 1.3 .2 14.0 14.0 14.0 1.2 1.3 .2 .8 .8 .8 2.3 2.3 1.2 1.3 .7 .6 .6 .9 .9 .9 .9	FAE	•	3. C	ศ ช	٠.	-:						8.6	7.8
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.2 c.4 3.2 1.1 .1 .2 8.0 1 .1 1.4 4.1 1.7 .3 .1 .2 8.0 1 .1 2.1 4.6 6.5 .6 .6 .6 .6 .1 .4 .0 .1 .2 .4 .0 .1 .2 .4 .0 .4 .0 .2 .2 .2 .4 .0 .2 .3 .3 .3 .2 .3	585		2.5	1.4	7							4.1	7.0
1 1.4 4.1 1.7 .3 .1 .2 8.0 12.9 13.9 12.9 13.9 13.9 13.9 14.0 <td><i>s</i></td> <td>• 5</td> <td>4.2</td> <td>3.2</td> <td>1.1</td> <td>7.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7.1</td> <td>8</td>	<i>s</i>	• 5	4.2	3.2	1.1	7.						7.1	8
.1 1.5 5.6 4.9 1.2 .1 12.9 11 .1 2.1 4.6 6.5 .6 .2 14.0 1 .2 1.8 1.3 .2 5.3 5.3 .3 1.3 .7 .6 .6 .1 2.0 .1 .7 .6 .6 .1 2.0	1 4 5 S		*	* . 1	1.7	*		• 5				ec D	10.3
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3.5.	TOTALS	1.3	26.1	J•J•	25.0	3.8	• 2	• 5				100.0	0.6

ULCBAL CLIMATCLOGY SRANCH USAFETAC AIR WEATHER SERVICE/MAC

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PEP100 OF WECORD: 77-86	HONTH: SEP HOURS (LST): 1800-2600
AME: OTIS ANCH MA	
STATION NAME:	
STATION NUMBER: 725069	

	JIRECTION 1		#	ت	11-16	17-21 22-21		28-33	34-45	41-47	46-55	95 39	TCTAL	HE AN E INC
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THE TAXABLE STATE OF THE PROPERTY OF THE PROPE	TCTAL!	a	7		11.1	· •	•	•						

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PERCENTAGE PERCUENCY OF OLCOPHENCE OF SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM STEED USAFETAC A IM ME ATHE NO PROJECT PERCE PEP100 OF AECORD: 77-86 MONTH: SEP HOURSILSTI: 2100-2300 CINITON NUMBERS 775 LET STATION NAMES OF IS ANDE MA

	UPECTION I		ا چ	Z	11-16	17-71	SPEEC IN MOUT 22-27 26-35	34-46	41-47	8 8 - 5 5	6E 56	TCTAL B	HE AN
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11.3 '.? 4.1 2.1 .6 11.0 11.0			•	!	* ••••••••••••••••••••••••••••••••••••	(u •						7.8	8
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	3 2	₹.	1.7	1.5	7							3.2	6.1
	· · ·		,,,,,,,,,			,,,,,,,,,,,,,,,	mmmm.	,,,,,,,,,,		,,,,,,,,,	,,,,,,,,,	34.2	,,,,,,
	TCTAL	7.5	a .	0	?	7.1	, mag					100.0	5

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OPSERVATIONS ULUBAL CLIMATOLOUY HRANCH USAFETAC AIR WEATHER SERVICE/MAC

I

22-27 28-33 34-40 41-47 48-55 GE 56 TG . 6 . 7 . 6 . 7 . 7 . 8 . 8 . 9 . 9 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1	1-3 4-6. 7-10. 11-16. 17-21. 22-27. 28-33 34-40. 41-47. 48-55. 65.5 10714. 48-55. 12-45.	JARECTION	-				MIND SPEE	C IN KNOTS		•	•	•	•	• • • • • • • • • • • • • • • • • • • •
N	NNE			ن ا ع	7-10	÷ (,	41-47	48-55		TCTAL	MEAN
.3 .1.1 2.5 1.8 .2 .2 .6 .3 .1.1 2.5 1.8 .2 .7 .2 1.5 1.6 .3 .6 .1 .6 .2 .7 .7 .4 .1 .6 .0 .2 .7 .8 .1 .6 .0 .6 .3 1.5 1.5 .9 .1 .6 .0 .3 1.9 2.4 1.3 .2 .1 .6 .0 .4 1.7 2.1 1.4 .5 .0 .0 .0 .4 1.7 2.1 1.4 .5 .0 .0 .0 .4 1.7 2.1 1.4 .5 .0 .0 .0 .4 1.7 2.1 1.4 .5 .0 .0 .0 .5 .9 1.4 .5 .0 .0 .0 .0 .0	5.6 1.8 2.6 6.5 6.8 1.3 1.1 2.5 1.8 2.7 3.2 3.2 4.8 6.8 1.3 1.5	 - z	• ~		æ	•	•	:	•	•	•	•	5.1	7.5
.3 1 2.5 1.8 2 .3 1.8 2.3 .8 1 .2 .7 .6 .1 .0 .2 .7 .7 .1 .0 .2 .7 .6 .1 .3 1.5 1.5 .3 1.9 2.4 1.3 .	3 1.8 2.5 1.8 2.7 3.4 1.2 1.5 1.6 1.3 3.7 3.7 2.2 1.5 1.6 1.3 2.6 1.0 2.0 1.0	 SV2	٠,	1 • 8	2 ° C	6.3		u .					6.5	6.1
3 1.8 2.3 .8 .1 .2 .7 .6 .1 .0 .2 .7 .4 .1 .0 .2 .7 .6 .1 .0 .3 1.5 .9 .1 .0 .3 1.9 2.4 1.3 .2 .1 .0 .4 1.7 2.1 1.4 .6 .0 .4 1.7 2.1 1.4 .3 .4 1.7 2.1 1.4 .3	3. 1.6 3. 3 3. 4 <	 z	۳,		2.5	1.9	٠.						6.8	80
.3 1.5 1.6 .3 .6 .1 .0 .6 .0 <	3.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 <td></td> <td>*</td> <td>1.8</td> <td>2.3</td> <td>30</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td># 5</td> <td>8.1</td>		*	1.8	2.3	3 0							# 5	8.1
.2 .7 .6 .1 .0 .C .0 .2 .7 .7 .1 .0 .C .0 .3 1.5 1.5 .9 .1 .C .3 1.9 2.4 1.3 .2 .1 .C .3 1.9 2.0 2.1 .4 .C .C .6 2.3 3.9 3.3 .C .C .C .4 1.7 2.1 1.4 .3 .C .C .C .5 .9 1.4 .5	7.2 7.7 6 7.1 6 7.2	۔ – -	•	1.5	1.6	.3							3.7	6.9
.2 .7 .8 .1 .6 .0 <td< td=""><td>2 7 8 11 6 11 3 1.5 1.6 1.1 1.0 1.0 3 1.5 1.6 1.1 1.0 4.3 3 1.9 2.4 1.0 2.0 1.0 2.0 4 1.0 2.1 1.4 1.0 1.0 1.0 4 1.7 2.1 1.4 1.5 1.0 1.0 5 1.4 1.5 1.4 1.5 1.1 1.2 1.1 6 1.5 1.4 1.5 1.1 1.2 1.1 1.2</td><td>1.56</td><td>2.</td><td></td><td>9.</td><td>:</td><td>•</td><td>Ų</td><td></td><td></td><td></td><td></td><td>1.6</td><td>7.1</td></td<>	2 7 8 11 6 11 3 1.5 1.6 1.1 1.0 1.0 3 1.5 1.6 1.1 1.0 4.3 3 1.9 2.4 1.0 2.0 1.0 2.0 4 1.0 2.1 1.4 1.0 1.0 1.0 4 1.7 2.1 1.4 1.5 1.0 1.0 5 1.4 1.5 1.4 1.5 1.1 1.2 1.1 6 1.5 1.4 1.5 1.1 1.2 1.1 1.2	1.56	2.		9.	:	•	Ų					1.6	7.1
.3 1.5 1.5 .8 .1 .6 .1 .6 .1 .6 .1 .63216216216	3 15 16 1 1 1 4.3 1 1 4.3 1 4.3 1 6.3 4.3 4.3 1 6.3 6.3 6.3 6.3 6.3 6.3 6.3 7.7 <td>35</td> <td>• 5</td> <td></td> <td>.,</td> <td>• 1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1 • 8</td> <td>7.2</td>	35	• 5		.,	• 1							1 • 8	7.2
.3 1.5 1.5 .8 .1 .6 .3 1.9 2.4 1.3 .2 .1 .6 .3 1.9 2.0 2.1 .4 .6 .0 .6 2.3 3.5 3.3 .9 .6 .0 .4 1.7 2.1 1.4 .3	4.3 1.5 1.5 1.6 4.3 3 1.9 2.4 1.3 2. 1.1 1.0 6.3 4.5 1.9 2.1 4 6 0 7.7 4 1.7 2.1 1.4 .3 .0 .0 11.0 5 9 1.4 .5 .1 .2 3.0 1.3 1.5 .4 .1 .2 .4 .1 4 1.0 1.2 .4 .1 .2 .4 .1	5.5E	ţ		æ	.			0				1.8	7.1
.3 1.9 2.4 1.3 .2 .1 .6 .3 1.9 2.4 1.3 .2 .1 .6 .4 .6 2.3 3.9 .6 .6 .6 .4 1.7 2.1 1.4 .3 .2 .9 1.4 .5	.3 1.9 2.4 1.3 .2 .1 .0 .0 .0 .0 .7 .7 .6 2.3 3.3 .9 .0 .0 .0 .1 .1 .1 .4 1.7 2.1 1.4 .3 .0 <	У	۳,	1.5	10.5	φ. •		٥					£ . 4	8.3
.3 1.9 2.1 .4 .C .C .6 2.3 3.9 3.3 .9 .C .C .4 1.7 2.1 1.4 .3 .2 .9 1.4 .5	3 1,9 2,1 4 .C .G .G .D .D<		*	1.9	2.5	1.3							6.3	8.9
. 6 2.3 3.9 3.3 .9 .0 .0 .0 .1 .4 .3 .9 .0 .0 .0 .0 .1 .1 .32 .9 1.4 .5	.6 2.3 3.9 .C .C .C .11.0 .4 1.7 2.1 1.4 .3 5.9 .2 .9 1.4 .5 .1 3.0 .3 1.1 1.3 .5 .1 3.2 .4 1.8 1.2 .4 .1 3.9	 		1.9	D •	2 • 1							7.7	4.0
1 .4 1.7 2.1 1.4 .3 1 .2 .9 1.4 .5	.4 1.7 2.1 1.4 .3 5.9 .2 .9 1.4 .5 3.0 .3 1.1 1.3 .5 .1 .4 1.6 1.2 .4 .1 3.9	3	ą.	2.3	3.5	3 • 3							11.0	6.6
	3.0 3.1.1 1.3 .5 .1 4. 1.9 1.2 .4 .1		*	1.7	2.1	3.4	M) 4						5.9	8. 8
	.3 1.1 1.3 .5 .1 .4 1.9 1.2 .4 .1	 2 2	•	•	1.4	• 5							3.0	8.2
.3 1.1 1.3 .5 .1	3.9	3 2	• 3	1.1	1.3	s.	٠.						3.2	7.8
4 1. P 1.2 .4 .1		3 2 7	3 .	1.0	1.2	.	.1						3.9	7.1
VARIABLE														

TOTAL NUMBER OF UBSERVATIONS: 7199

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM THOUSELY OBSERVATIONS ULOBAL CLIMATOLOGY BRANCH USAFETAC AIR "EATHEK SERVICE/MAC

DIRECTION 1 (DEGREES)	1-3	; ; ;	7 - 10	1 1-16	• Q	SPEE C 22-27	IN KNOTS 28-33	34-48	4 1 -4 7	48-55	GE 56	TCTAL ME	MEAN WIND
	2	2.7	2.3	5	. m	:	•	•	•	•	•	6.3	7.8
INE IN	• 1	1.1	1.5	•1	• 2							3.0	7.8
i, 2	• 5	1.5	1.8	s.	\$.	14	.1					6.4	10.0
E NE		1.4	e	• 2	5							3.0	8.3
۔ ۔۔۔۔	2.	1.3	3									2.0	6.1
r SE		• 2	• 1	۳.								9.	0.6
35	·•	€,	• •	€.								1.2	1.6
SSE	:		1.0	*1								1.5	8.9
s	v .	J•E	1.3	ř.								3.3	7.2
NS.	:	9	1.4	7.	• 1							2.4	8.5
35.5	• 2	1.7	1.5	1.4	5							5.3	* 6
H S H	:	2.7	3.2	2.2	m	•						8.6	9.6
	ţŪ	1.9	5.9	1.9	ī.							7.8	9.3
3 2 3	ñ,	64 •	2.7	* &								6.1	7.5
3 2	1.2	4.1	2.1	9•								9.6	5 • 9
7 2 2	٠.	3. 0	1.6	7.		• 1						5.2	9.9
VARIABLE	•	:	•	•	•		•	•	•	•	•	•	•
CALM	nnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnn	,,,,,,,,,		minni		1111111	,,,,,,,,,,	,,,,,,,,,	,,,,,,,,,	mmm	,,,,,,,,,	30.0	,,,,,,
2 4 7 0 7	37 -	26.8	25.5	10.4	2.9	3	•					160.0	5.7

030

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHEK SERVICE/MAC

· · · · · · · · · · · · · · · · · · ·		•	•		ON I	SPEED	•	•			•	•
DIRECTION I	1-3) 1	7-10	1 1-1 0	17-21	22-27 28-33	34-40	41-47	48-55	6E 56	TCTAL	HEAN
	9	3.2	2-2	6	* M) * *	•	•	•	•	•	7.2	7.4
N N	·	1.2	1.3	x	ניי						3.7	8.
N.	• 5	1.5	1.6	0.1	۴.						4.6	8
FNE		÷	1.5	۴.	9•	• 1					3. E	11.1
 س		M)	ស្	• 3							1 • 3	8.6
ESE		m.	m •	.1							٠.	6.9
SE		• 5	۱۳ •	•1							9.	8.2
SSE	: 	រភ •	.								1.3	6.5
s	÷.	2.2	6.	٠.							3.5	6.5
78.50	~	1.6	1.0	3							3.2	7.1
	· .	5.	1.5	1.0							D •	89
315.31	. 2	1.0	2.2	1.7	<i>3</i>						5.5	10.1
38	, ,	2.5	2.8	2.3	3						# #	9.1
3	٠. د.	5.3	1.9	٥.							6.1	6.9
3 2	ν.	3.5	2.2	sc •							6.8	6.9
3 2 2	6.	3.7	2 • 2								9	6.1
VARIABLE [•					•	
CALM	nanananananananananananananananananana	,,,,,,,,,	11111111		,,,,,,,,,,				,,,,,,,,,,	,,,,,,,,	32.2	,,,,,,
	_											

930

PEPCENTASE FREQUENCY OF OLCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS ULUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

124	725060	STA TION		OT IS ANGB	A A			PERIOD (OF RECOR OCT	IRS (77-86 LST1: G600-0600	06.00
DIRECTION		9 -	:			EEC IN	34-40	41-47	48-55		TCTAL	MEAN
		3.4	3.2	m		•		•	•	•	7.3	7.1
W.V.	•	1.6	1.1	¢.	٠ د	• 1					4.2	9.5
. .		1.5	2.5	1.1	• 2						6.3	9.6
IJ N L	• 5	1.6	1 - 4	6.	9.	• 1					œ •	9.2
w -	~·	1.4	30	3							2.7	7.1
f SE		9.		٤.							1.3	7.3
L. S		<u>ಟ</u> •	۳.	7.							1.2	9.9
556	• 2	ن. •	٥.	• 5							1.8	7.8
-	3.	5.3	1.5	• 2							3 3	6.3
3 S S	.,	٠,	1.7	• 3							3.1	1.9
TR S	٠.	1.1	1.0	1.2	.1						3.9	8.1
II S II	۶.	1.3	2.4	1.6	3						0.9	7.6
	7.	μ) (1	£ * £	1.4	• 5						8.9	8.5
3 2 3	3.	5.7	2.6	1.1	۴.	P3 •					8 5	8 • 2
Z	• 1	4.0	3.1	80							8.0	7.2
3 2 2	e.	3.3	2.4	3	.1						9•9	6.9
VARIABLE		•	•	•								
CALM		,,,,,,,,,	,,,,,,,,,		,,,,,,,,,,	,,,,,,,,,,,		,,,,,,,,,,		,,,,,,,,,	21.3	,,,,,,
TOTALS	1.	31.1	28.3	11.6	3.0	u } ◆					100.0	4.0
TOTAL NUMBER OF OSSERVATIONS:	F OBSERVA	6SERVATIONS: 929	929				•					
				.,	_							

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 77-86
MONTH: OCI HOURS(LSI): 0900-1100 STATION NUMBER: 725060 STATION NAME: OTIS ANGE MA

.3 1.1 3.3 1.8 .1 .1 .2 1.4 3.2 3.0 .4 .6 1.3 1.5 2.0 .4 .1 .1 1.6 .2 .2 1.3 2.2 .3 .1 .2 1.3 2.2 .3 .1 .1 .9 3.0 4.1 .5 .1 .9 3.0 4.1 .5 .2 .8 3.2 2.9 .5 .4	DIRECTION ((DEGREES)	1-3	9 1	7 -10	1 1-16	17-21 2	22-27 28-33	34-40	41-47	48-55	6E 56	TCTAL *	HEAN
.1 1.1 2.6 2.6 .5 .1 .2 1.4 3.2 3.0 .4 .2 1.3 1.5 2.0 .4 .1 .6 1.3 .9 .1 .1 .1 1.6 .2 .2 .2 1.3 2.2 .3 .1 .2 1.8 1.5 1.7 1.1 .7 .1 .9 3.0 4.1 .5 .1 .1 .9 3.0 4.1 .5 .1 .2 .8 3.2 2.9 .5 .4 .1 .9 3.0 4.1 .5 .1 .1 .9 3.0 4.1 .5 .1 .2 .8 3.2 2.9 .5 .4		M	1.1		1.8			•	:	•	•	9	9.6
.2 1.4 3.2 3.0 .4 .2 1.3 1.5 2.0 .4 .6 1.3 .9 .1 .1 .1 1.6 .2 .2 1.3 2.2 .3 .1 .2 1.3 2.2 .3 .1 .2 1.8 1.5 1.7 1.1 .5 .1 .9 3.0 4.1 .5 .1 .4 1.8 4.5 2.9 .5 .4 .1 1.4 2.3 2.5 .3	NN E	-	1.1	2.6	2.6	\$						7.0	11.0
.2 1.3 1.5 2.0 .4 .6 1.3 .9 .1 .1 .1 1.6 .2 .2 1.3 2.2 .3 .1 .2 1.4 1.8 .1 .1 .9 3.0 4.1 .5 .1 .9 3.2 2.9 .5 .1 .1 1.4 2.3 2.5 .3	N W	2.	1.4	3.2	3 • 0	3						8.3	10.2
.1	FNE	• 5	1.3	1.5	2.0	<i>3</i>						5.5	10.4
.1 .1 1.6 .2 .2 1.3 2.2 .3 .1 .2 1.8 1.5 1.1 .1 .9 3.0 4.1 .5 .1 .9 3.2 2.9 .5 .1 .1 1.4 2.3 2.5 .3 .1			9.	1.3	•							2.6	æ
.1 .1 1.6 .2 .9 1.8 .2 .2 2.4 1.8 .1 .2 1.8 1.5 1.7 1.1 .2 .1 .9 3.0 4.1 .5 .1 .9 3.2 2.9 .5 .1 .1 1.4 2.3 2.5 .3	ESE		•	1.3	6.	.1						2.6	10.2
.2 1,3 2,2 .3 .1 .2 2,4 1,8 .1 .1 .9 3,0 4,1 .5 .4 1,8 4,5 2,9 .5 .1 .1 1,4 2,3 2,5 .3		• 1		1.6	• 5							2.0	8.6
.2 1.3 2.2 .3 .1 .2 2.4 1.8 .1 .1 .9 3.0 4.1 .5 .4 1.6 4.5 2.9 .5 .1 .2 .8 3.2 2.3 .5 .4 .1 1.4 2.3 2.5 .3	SSE		•	1.8	• 5							2.9	3
.2 1.8 1.5 1.7 1.1 .2 .1 .9 3.0 4.1 .5 .4 1.8 4.5 2.9 .5 .1 .2 .8 3.2 2.9 .5 .4 .1 1.4 2.3 2.5 .3	s s	• 5	1.3	2.2	۴.	7						4.1	7.8
.1 .9 3.0 4.1 .5 .1 .7 .1 .1 .7 .1 .1 .7 .1 .1 .5 .1 .1 .5 .1 .5 .1 .1 .5 .1 .1 .5 .1 .1 .5 .1 .1 .1 .5 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	NSS.		(11 •	2.4	1.8							æ •	10.1
.1 .9 3.0 4.1 .5 .4 1.8 4.5 2.9 .5 .1 .2 .8 3.2 2.9 .5 .4 .1 1.4 2.3 2.5 .3	78 VS	• 2	1.8	1.5	1.7	1.1	(·)					9.9	16.7
.4 1.6 4.5 2.9 .5 .1 .2 .8 3.2 2.9 .5 .4 .1 1.4 2.3 2.5 .3	353		•	3.0	4.1	٠ <u>.</u>						8.6	11.3
. 1 1.4 2.3 2.5 .3		3 •	1.8	3 •	6.2	ស						10.3	10.0
.1 1.4 2.3 2.5 .3	3 2 3	• 2	α.	3.2	6.2	٠ د	7					8.1	11.5
	ж 2	.1	1.4	2 • 3	2.5	۳.						9•9	10.1
.3 1.0 2.2 1.6 .2	אא	• 3	3 • €	2.2	1.6	• 2						5.3	5 6
	- CAL					,,,,,,,,,,,						T • £	
	TOTALS	2.6	16.2	37.8	7.67	5.1	1.0					100.0	6.3

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY ORSERVATIONS GLUJAL CLIMATOLOGY BRANCH USAFETAC

I; E	090627	See Note of		CT - D				PEGIOD .	ENTOD OF RECORD:	U: 17-86 HOURS(LST):	-86 []: 1238-1466	14.00
30	6	0 - 1 - 2 - 2	•	11-16	#180 #7-21 2	SPEE 6 1	N KNO15 28-33 34-40	41-47	48-55	GE 56 T	TCTAL	MEAN EIND
 : z	• (;	6	. x	1.2			•	•	•		5.4	10.3
ш 2 2		u n •	3.1	o. 4	3.	•					5	11.7
 W	. 1	1.6	ت د .	8							8	10.3
E NE		1.1	1.9	1.5	۶.						5.5	11.0
	. 1	1. C	3	\$							2.0	7.4
r SE	.1	1.2	÷	1.0		. 1					2.9	9.5
SE		r.	o.	н							1.8	8 • 2
uss		3	1.0	3							2.9	8.7
. — —		1.6	t • (1	1.2	.2						5.4	9.2
SSK	•	•	1.5	1.7	M)						\$	10.1
58 SS	5.	6	2.6	3.6	o.	œ •					8.9	12.3
* S		1.2	7.4	S. S.	1.2	₩1 •					12.5	11.8
. — .		1.9	¢ • •	4.2	1 • 1	(7					11.4	10.7
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	(4	1.3	2.6	1.9	Çų.	. 1					6.3	10.1
3		1.1	2.9	2.2	• 2						9.9	10.6
3 2 2		•	ŷ•	~	•						1.4	T. 6
VAPIABLE I	•								•	•		
בשרת וי	, , , , , , , , , , , , , , , , , , ,	,,,,,,,,,			mmm,	,,,,,,,,,,		,,,,,,,,,		,,,,,,,,	4.1	,,,,,,
TOTALS !	3.	5	1.13		67	7.7					5	

0 2 TOTAL NUMBER OF DESERVATIONS: PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLOGEAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

1

-					7 A P .								
DIRECTION !	1-3	4 - 6	7 -10	1 1-1 6	17-21 G	3 P E E D	28-33	34-40	41-47	48-55	6E 56	TCTAL	ME AN
		α .	2.0	9	•	:						3.7	8.5
N N N	₩ •	1.7	M • €	1.9	1.0	•						0.6	10.6
J.		2.2	3 . 5	2.0	.	•						8.	1.6
A H	7.	5.9	5.9	M	.3							7.8	8.3
w	.	1.6	.	•5								2.7	5.8
f SE	₩.	6.	8.	3.	. 1							2.5	7.8
SE	(1	1.0	1.1	.1	.3	. 1						2.7	8.5
SSE	ç.	1.1	1.1	• 2	7.							2.7	7.4
s	5.	2° 4	e. M	M •								7.0	7.2
#SS	• 1	7 · É	1.3	1.5	۳.							4.	9.5
3 0	•5	1.6	3.1	3.7	٣.	u. •						9.5	11.3
18 S	. 1	7.5	3 3	ις •	1.7							14.0	11.4
*		1.7	α •	1.7	3	• 5						8.0	6.6
3 2 2	•	1.2	2.2	2.1	(4	•						9.9	10.1
3 Z		7.0	1.7	1.0	.1							3.9	9.2
		8 0	ес •	~.	• 1							1.9	8.0
VARIABLE	•	•	•		•			•	•	•	•	•	•
CALM		mmm.	mmm.				mmm.	,,,,,,,,,	,,,,,,,,		,,,,,,,,	6.4	,,,,,,
TOTALS	M	7 11.10	45.45	77.5	3	1 - 6						001	c

030 TOTAL NUMBER OF OBSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM THE PROPERTY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

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DIRECTION (DEGPEES)	1-3	3 -	7 -10	11-16	17-21 2	2-27	28-33	34-40	41-47	48-55	6£ 56	TCTAL 2	MEAN
	ç	1.7		9.	•			•		•		3.5	9.9
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 E	5.	2.5	1.6	1.0	m.	17						6.1	8.5
ENE	F-1 •	1.8	1.7	٠ <u>.</u>	₹.							o.	8
	5.	•	9.	7								1.8	8.8
FSE	• 5	1.0		• 5	-							1.6	6.1
SE	• 2	1.1	*	7.								1.7	6.1
SSE		1.1			7	-						1.6	9°C
s	1.0		2 · M	x 0								7.1	6.9
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E SE	:	2.7	2 • 8	2.8	ນ	3						9.6	10.3
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7 2	• 2	1.1	1.7	1.1									8.1
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VARIABLE	•			:			:			•			
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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY DESERVATIONS ULUSAL CLIMATOLOUY BRANCH USAFETAC AIM MEATHER SERVICE/MAC

37.15 Aug. STATION MAME STATION NUMBER: 725067

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LUTAL BLANCE OF COSTAGATURES

FILECTIATE FELCOPACY OF CLOTHERN OF SOFTWARE BIND CIMPLIION VERSUS BIND SPEED FROM TOOSFAVAILONS CACCAL CLIMBICACO CRESCOS CLASCING Alm MENTHE SCHWICE YMG

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TUTAL NUMBER OF CHSENNATIONS: 7450

PLACENTAGE FOLLUTHORY OF CCCUPATION SUBFACE WIND WIRICTION VERSUS WIND STREW FOUNDS WIND STREW OLUSIAL CLIMATOLOLY KKANCH LIAFETAC AIM MEATHER SERVICEZHAG

PERIOD OF FECORD: 77-8E MONTH: NOV HOURSTESTI: COUS-SIEE STATION NUMBER: 715050 STATION NAME: OTIS ALCE MA

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对象,不得用,如果有一个人都有什么,如果有什么,以为一个人,也不是一种的人,也可以是这种,也可以是是什么。	FLUIDL OF MECORD: 77-86	77-86

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TUBAL MUMPLY OF CHUSTINATION, S. C.

FELLENTASE FREJUENCY OF OCCURATINCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY DESFRUATIONS CLULAL CLIMATOLOGY SHANGH CLARLING AIR MEATHER SERVICEZHAC

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TUTAL NIMITE OF COSPHUATIONS

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FEWLOD OF RECORD: STATION SAMES OF IS ASSOCIATED LIAILON NUMBER: 705367

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TUTAL SUMPER OF USSERVATIONS

PLACENTAGE FREDUINCY OF OLCURHENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM WIND SPEED ULGUAL CLIMATOLOGY SHANCH CLAFLIAC ATH WEATHER SERVICE/MAC

PERIOD OF AECORD: JIATION NUPHER: 725060 STATION NAME: OTTS ANDE MA

11	1-3 9-4, 7-17 11-10 17-21 22-27 28-15 36-40 91-47 96-55 66 56 1444 145 14	-						11111	A-024				
No. 1.4 1.5 1.5 1.6	No. 1. 1. 1. 1. 1. 1. 1.	DECTION 1	~		7-1	5 - T - T	12-21	7 2-27	8-33 34-		95 39	TCTAL \$	HE AN
1.	5.5		•		:	7	· · · · ·	•	•	•	•		11.1
1.7	1,7 2,5 3,5	u 2	7.	•		1.	1.0					5.5	12.1
1. 1. 2. 4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	5.7			1.7	Ċ.	5.5						1.9	10.2
1.1	2.8 1.6 1.7 1.1 1.8 1.9 1.9 1.9 1.9 1.9 1.9	i NE	•	•		1.0	•					5.7	9.1
1.1 2.6 1.7 .1 1.1 2.6 1.7 1.1 3.6 1.7 1.1 .4 1.7 1.1 .3 1.1 .2 2.2 1.3 .7 .1 1.1 .2 2.8 4.3 1.4 .1 1.2 2.8 4.3 1.4 .1 1.3 2.1 .1	2.3 1.7 1.11 2.6 1.7 1.1 2.6 1.7 1.1 2.6 1.7 1.1 2.6 1.7 1.1 2.7 2.7 1.2 2.7 2.7 1.3 2.7 2.7 1.4 2.7 2.1 1.5 2.8 4.3 2.1 1.6 3.2 7.9 1.2 .1 1.7 2.8 4.3 2.1 1.8 3.1 4.3 2.1 1.9 4.3 2.1 1.	~		•	7.	.,						2 • B	8.6
1.1 2.6 1.7 1.1 2.6 1.7 1.1 3.2 3.2 1.3 .7 .1 1.1 .a 7.f 4.2 2.1 .1 1.2 7.8 4.3 1.4 .4 .1 1.4 .4 .1 1.5 7.8 4.3 1.4 .4 .1	1.6 1.6 1.7 1.1 1.6 1.5 2.6 1.7 2.6 1.7 2.6 1.7 2.6 1.7 2.6 1.7 2.6 1.7 2.6 1.7 2.6 2.7	E SE		• •	1.1	~	7.					2.3	* 6
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11 2.6 1.7 1.1 .2 12 2.7 2.2 1.3 .7 .1 13 2 2.8 4.3 2.1 .1 14 2 2.8 1.4 .4 15 7.8 4.3 1.4 .4 16 7.7 7.8 1.5 .1	1.1 2.6 1.7 2.1 4 1.7 1.1 .2 2.2 1.3 .7 .1 2.1 5.8 4.3 1.4 .7 .1 2.1 1.6 3.2 7.9 1.2 .1 2.1 1.6 3.2 7.9 1.2 .1 2.1 1.6 3.2 7.9 1.2 .1 2.1 1.6 3.2 7.9 1.2 .1 2.1 1.6 3.2 7.9 1.2 .1 2.1 1.6 3.1 4.2 .1 2.1 2.1 4.3 .1 3.0 3.1 .1 3.0 3.1	· Sf		7.7	•							5.9	7.9
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1. 1. 2. 2.4 7.5 C.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .	10.6 10.6 2.6 4.5 2.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .	 5		.,	C • • • • • • • • • • • • • • • • • • •	3.2	1.3	٠.	•			• •	13.1
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TOTAL NUMBER OF GRSENVATIONS: 0,7

PLACEATASE FREGUENCY OF OCCURRINCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM THOUGHT OF SFRVATIONS GLUJAL CLIMATOLOGY SKANCH USAFETAG AIR WEATHER SFRVICEZHAL

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		4.		9			•	•		•		• # • M	6
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322	. 1	•	1.9	1.9	٣.							\$ •	11.0
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PLPCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY ORSERVATIONS STOSAL CLIMATCLOGY BRANCH AIR WEATHER STRVICE / HAC USAFETAC

#IND SPEE IN KNOTS #-c 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN 9.0 8.6 10.9 8,5 9.6 10.3 9.8 9.2 8.2 7.6 8° 10.2 9.1 10.0 8.8 19.9 111111 MEAN DNI HOURS (LST): 1830-2000 3.9 8.6 8.2 5.8 6.9 2.8 4.8 **4** • 8 4.1 2.1 2.1 6.1 77-86 PERIOD OF RECORD: MONTH: NOV ٦. -٦. 22-27 3.1 • 2 ~ 2 ٦. ٦. 2 ~ ₹. 7 OT IS ANGB "A 6 • 7 1.3 1.7 1.3 1.6 1.7 2 . 4 2 • 0 . . ា 6 T ٠, ٥. • 9. 30 2.7 1.4 3.0 1.3 3 • € 2.1 ٠, 1.7 2.1 œ • 2.7 :: 5 • 1 Ŧ. 1:1 31.1 STATION NAME: 1.3 1.9 ٠, 4.4 21.€ .7 1.6 ۲, ۲'n 1.1 J. 4 1.2 ... 1.6 7. 1.0 4.2 4 . 7 STATION NUMBER: 725060 9 Ċ 6 2. **C**2 ٦. 1-3 DIFECTION (DEGREFS) VARIABLE TOTALS CALM N S N 3 2 3 ш 2. Ш ESE SSE \$ 5 Š Z 3 2 2 Z Z نبا 2 S. S u.

PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLOSAL CLIMATOLOUY BRANCH USAFETAC AIR MEATHER SERVICE/MAC PERIOD OF RECORD: 77-86 MONTH: NOV HOURS(LSI): 2130-23GG STATION NUMBER: 725060 STATION NAME: OTIS ANGE MA

1.1	DIRECTION (DEGREES)	1-3	3-2	1 -1 0	11-16	17-21 2	22-21 2	28-33 34-40	41-47	48-55	GE 56	TCTAL *	MEAN
7.3 1.5 <td></td> <td></td> <td>. w</td> <td>1.6</td> <td>9.</td> <td></td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> <td>:</td> <td>3.6</td> <td>9.6</td>			. w	1.6	9.		•	•	•	•	:	3.6	9.6
13 2.6 .8 .3 .2 4.7 13 2.6 .6 .1 .1 .1 .1 .1 .1 .1 .2	- L-		1.	1.1	• 5	Ç.						2.2	6.5
1.3 2.6 .6 .1 .1 .1 .2 .		M) .	٥.	3.5	φ.	٣.						4.6	4.1
3 1.1 .1 .1 .1 .1 .2 <td< td=""><td>E E</td><td></td><td>1.3</td><td>2.6</td><td>9.</td><td>٠.</td><td></td><td></td><td></td><td></td><td></td><td>4.7</td><td>8.6</td></td<>	E E		1.3	2.6	9.	٠.						4.7	8.6
1.1 1.6 1.5 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .3 .1	L	··	1.1	٠.		-:						2.3	6.9
1.6 .3 1.1 .9 .1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.4 1.4 1.5 1.6 .3 1.3 1.4 1.4 1.5 1.6 .3 1.3 1.4 1.4 1.4 1.5 1.6 .3 1.4	t st		7.	3.0	1.0	C;						2.4	11.3
1.6	SE		(e	1.1	6.	.1						2.3	10.9
.1 1.6 .9 1.1 .2 .2 .1 .1 .1 .2 .2 .2 .1 .2 <	SSE			1. f	٠.							1.3	9.8
.1 1.6 .9 1.5 .1 .1 .1 .1 .1 .1 .1 .1 .1 .2 <	У		1.8	1.9	1.1	.1	. 2					5 • 3	0.6
.1 1.1 1.5 .3 4.8 .2 2.7 4.6 1.8 .6 .1 .8 2.9 2.0 1.3 .3 7.4 .4 2.7 3.3 2.4 1.1 .1 .1 .2 3.0 2.9 1.3 .4 .2 7.4	300	••	1.6	•	1.0	.1						3.7	8.6
.3 5.6 .2 2.7 4.6 1.5 .6 .1 .8 2.9 2.0 1.3 .3 7.4 .4 2.7 3.3 2.4 1.1 .1 10.1 .2 3.5 2.9 1.3 .4 7.8	3		1.1	1.7	1.6	₩.						±	10.0
.2	30 2	M)	1	1.2	1.6	٣.						9•6	8.8
.8 2.9 2.0 1.3 .3 7.4 .4 2.7 3.3 2.4 1.1 .1 .1 10.1 .2 3.0 2.8 1.3 .4 7.8		Ç.	1.1	4.6	1.8	9.						6.6	6.5
.4 2.7 3.3 2.4 1.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	18 22 3	φ.	0.4 g	2 • C	1.3	*1		.2				7 - 4	9.7
1 .2 3.C 2.8 1.3 .4	3	3	2.7	3.3	# • 2	1.1	. 1					10.1	10.0
		• 5	3.0	رع ص	1 • 3	3						7.8	8 · 6
	CAL"		,,,,,,,,,	mmmi.		mmmi	,,,,,,,,,	mmmm.	,,,,,,,,,,,	minn.	,,,,,,,,	22.1	,,,,,,
WINDERSON WINDERSON WINDERSON WINDERSON WINDERSON WINDERSON SEASON SEASON SEASON	TOTALS	3.3	22.8	7.67	16.6	6.4	٠.	• 2				136.0	7.2

TOTAL NUMBER OF GHSERVATIONS: "LE

PLECENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS GLJSAL CLIMFTOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

1-5														
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	 	× - 1	# · · · · · · · · · · · · · · · · · · ·	•	•		SPEE 22-27	IN KNOT 28-33	•	41-47	48-55	GE .		MEAN
1.1 1.6 1.6 1.7 1.7 1.6 1.7 <td>2</td> <td>. 2</td> <td></td> <td>• 6</td> <td>: :</td> <td>. 3</td> <td>:</td> <td>0.</td> <td>:</td> <td></td> <td>•</td> <td>•</td> <td>£ - 17</td> <td>9.6</td>	2	. 2		• 6	: :	. 3	:	0.	:		•	•	£ - 17	9.6
1.1 1.5 5.1 1.5 5.2 1.0 5.2 1.1 1.5 1.5 1.5 1.0 5.2 1.0 5.2 1.1 1.5 1.5 1.5 1.1 1.1 1.2 1.1 1.2 1.1 1.2 1	- III	.1	α. •	1.6	6.	۴.	-						3.9	10.4
11 1, c 2, 3 1, 0 2 2 2 2 2 3, 3 3, 3 3, 3 3, 3 3, 3 3, 3 3, 3 3, 3 3, 3 3, 3 3, 3 3, 3 3, 3 3, 3 3, 3 3, 3 3, 3 3, 4 3, 3 3, 4 3, 5 3, 7	ш 2	€ 1	1.2	2.1		• 5	-	•					5.2	10.1
11 1.5	ENE		1.0	2	1.0	Ci	٠						5.2	0.6
1.1 .6 .6 .1 .1 .1 .1 .1 .1 .1 .1 .2 <t< td=""><td>- </td><td>:</td><td>J.C</td><td>1.5</td><td>• 5</td><td>• 1</td><td><u>.</u></td><td></td><td></td><td></td><td></td><td></td><td>3.3</td><td>8.</td></t<>	- 	:	J.C	1.5	• 5	• 1	<u>.</u>						3.3	8.
1.1 .6 .8 .5 .1 .5 .1 .5 .2.3 1.1 .9 .7 .6 .1 .1 .1 .4 .7 .2 .1 .1 .1 .4 .7 .2 .0	FSE	. 1	u.	9.	9.	. 1							1.9	10.1
1.1 1.6 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.2 1.1 1.2 1.2 1.1 1.2 <td>SF</td> <td>.1</td> <td>•</td> <td>ω.</td> <td><u>.</u></td> <td>• 1</td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.2</td> <td>4.6</td>	SF	.1	•	ω.	<u>.</u>	• 1	•						2.2	4.6
.1 .9 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .2 .1 .3 .0 .0 .0 .3 .7 .2 .0<	SSE	.1	٠	.,	٠	. 1							2.3	9.1
.1 .9 1.2 1.1 .3 .C .0 5.7 .1 1.1 2.3 2.3 .7 .2 .0 6.4 .2 1.1 2.6 2.6 .6 .0 .0 7.5 .3 2.1 3.5 .7 .2 .0 9.7 .4 1.8 3.3 2.5 .5 .1 .0 8.6 .2 2.1 3.4 2.5 .5 .7 .2 8.6 .2 1.9 3.4 2.5 .5 .7 .6 8.8 .2 1.9 2.7 1.4 .3 .0 .7 .7 .6	л	€.	1.6	1.9	6.	• 1	•						4.7	8.7
.1 1.1 2.3 2.0 .7 .2 .0 6.4 .2 1.1 2.6 .6 .6 .0 .0 7.5 .3 2.1 3.6 2.8 .7 .5 .0 9.7 .4 1.8 3.3 2.5 .5 .1 .0 8.6 .2 2.1 3.4 2.5 .5 .7 8.6 .2 1.9 2.7 1.4 .3 .0 6.5	**55		•	1.2	1.1	• 3	•						3.7	10.2
.2 1.1 2.6 .6 .6 .0 7.5 .3 4.1 3.4 2.8 .7 .2 .7 .9 .4 1.8 3.3 2.5 .5 .1 .0 8.6 .2 2.1 3.4 2.5 .5 .7 8.8 .2 1.9 2.7 1.4 .3 .0 6.5	 3	-	1.1	(1 •	2 • 0		2.						4.9	11.2
.3 2.1 3.6 2.8 .7 .2 .7 .9 .7 .7 .7 .7 .8 .9 .7 .8 .6 .6 .8 .6 .8 .6 .8 .6 .8 .6 .8 .6 .8 .6 .8 .6 .5 .7 .1 .4 .3 .0 .6 .5 .6 .6 .6 .5 .6 .6 .5 .6 .6 .6 .6 .6 .6 .6 .6 .6	3 3	5:	1.1	2.E	9.2	\$	ن •						7.5	11.0
.4 1.8 3.3 2.5 .5 .1 .0 8.6 8.6 8.8 .1 .2 2.1 3.4 2.5 .5 .6 .6 .7 .7 1.4 .3 .0	•		F • 1	3.6	ς1 &		•						4.7	10.3
6.8 .2 2.1 3.4 2.5 .5 .f . 6.8	73 2 23	3	l. A	3.3	ς; ο	<u>ភ</u>	•						8.6	10.2
.2 1.9 2.7 1.4 .3 .0	3.2	• 2		3.4	2.5	• 5	•						8.8	6.6
	3 2 2	.1	5 .	2.7	1.4	M.	•						6.5	9.1
	כמניי	mmm.		,,,,,,,,		minn.	,,,,,,,	minni		,,,,,,,,,		,,,,,,,,,	15.7	,,,,,,
MANUAL PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY ASS.	TOTALS	2.7		\$2.2	25.22	5.7	1 • 1	.2					100.0	3F GU

PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOUGLY OBSERVATIONS CLUGAL CLIMATOLOSY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

			•	•					•			
DIRECTION (DEGREES)	1-3	.) +) ,	11-16	17-21	SPEEC IN	34-4C 8-33 34-4C	41-47	48-55	6E 56	70 TAL	MEAN WIND
	· ()	1.3	1.7			•	•				M . B	8.0
 2	•	64	1 • ſ		• 5						2.0	10.6
ш. 2	.5	•	1.2	•	3						2 • 1	16.5
교 진 당		•	Ĺ. ₩	∞•	. 2						2.6	10.2
سـ		1.1	1.1	1.0	. 23	F;					3.8	16.2
ESE		•	3	.1		(v •					1.2	11.2
SE	. 1	(4	. 7	3							1 • 4	88° ¢
385	· .	۲.	w		*)						2.6	80.0
- 	•	. 7	1.5	۲.							5.9	Σ ₩
* 50		a •	÷	<i>3</i>							1.6	8.3
35	Ç4	٠,	•	1.4	7.						3.1	11.1
35	• 1	1.1	2 • E	1.7	1.0						6 • B	11.2
	eo •	5.7	٥ •	3.3	1.6	5					14.6	10.2
:	3	ن. د.	4.2	7 . 7	.,	3					14.1	6.6
32	۴.	1.1	4.7	1.6	۲.	M1 •					10.3	3 0
* 2 2	u^ •		5 ° c	1.1	5.						\$ •	ω ω
VARIABLE	•		•	:	:			•	•			
CALY	mannananananananananananananananananana	,,,,,,,,,,	,,,,,,,,,				,,,,,,,,,,,	,,,,,,,,,	,,,,,,,,,	,,,,,,,,	21.1	,,,,,,
TOTALS			,									

PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY ORSERVATIONS

OLUGAL CLIMATOLOGY ERANCH USAFETAC AIR WEATHER SFRVICE/MAC

				<u> </u>	SPEFF IN KNOT	115					
1-3	£ 1	7-16	11-16	17-21	2-27	34-40	41-47	48-55	6E 5√	TC:TAL	MEAN
· ·	.3 1.1		. 5	•		•	•	•	•	4.1	7.8
7	1 .5	۵. •	1.0	• 5						2.6	10.8
• 1	1 .7	.	3.	.						2.2	10.6
	1 .7	1.3	ж •							2.8	6.5
	1 .7	1.0	еç	. 2	5					3.2	11.4
-		ن •		۳.	. 1					1.4	11.2
	٠,	M)	5.	7.						6	10.5
	٠.	1 • C	2.							1.5	8.5
	• 3	2.0	1.3	m.						3.6	10.6
••	5 .	.1	\$.	•1						1.3	10.0
• 1	1 .4	1.2	1.0	٠.	19					3 . 3	11.8
•	.3 1.3	2.6	1.9	1.3	. 1					7.5	11.2
•	9 • 2	5.3	3.4	8.						12.9	16.1
•	6.7 8.	© .	1.4							13.1	& •
vi.	5 3.8	3.7	2.0	1.0						11.1	3.6
· .	2 2	(1) •	1.5	un •	*					7.1	4.0
		•	•	•		•		•	•	•	
11111		,,,,,,,,,		,,,,,,,,,,		minnin.			,,,,,,,,	21.5	,,,,,,
3.4	14 T	6	0	2 7	3					0	رم م

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLOEAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

2		: •							MONTH	MONTH: DEC HO	HOURS (LSI):	1: 0600-0800	-0800
DIRECTION P	*		7 -10	11-16		SPEE E 2-27	IN KNOTS 28-33	34-45	41-47	48-55	6E 56	16.7AL	MEAN
	M	. M	6	. x	-7	•		:				5.4	7.7
ロオア	M	* `	9.	1.0	m.							2 • 6	10.8
- -	~	fy.	1.0	٠. •		•						2.1	11.2
F P F	•	M)	1.3	٣.	• 2							2.5	9. • 5
	.	υ) •	ω •	٠ <u>.</u>	• 2							2.6	8 . 5
£ SE			۳.	6.	. 1							1.5	13.0
SE		5.	α. •	t.	• 5	. 2						2.5	10.8
SSE	• 1	1.0	Ψ.	\$.								2.4	8.0
		1.0	1.0	.3								2 • 4	# £
388	•	(4	ci	ņ	5.	• 1						1.7	11.8
'Z		№ .	1.3	1.5	~							3.8	11.4
38	Ç.	1 • 3	1.0	2.1	1.6	. 1		·:				7.5	12.8
.3	٠,	9.7	4.7	3.6	ř.							12.3	8 • 6
3 2 3	*	9 • 7	7 • P	3.9	• 6	•						11.7	10.2
3 2	1.1	a. ~1	3.7	3.9	M)							12.9	0 • 6
38.2	5	7 • 7	# *	1.0								7.0	£ . 1
VARIABLE					•				•				
CALM		,,,,,,,,,	mmmi.		,,,,,,,,,						,,,,,,,,	19.9	,,,,,,
TOTALS	4.5	15.6	27.6	22.0	oʻ.	1.		٢				100.0	7.9

PERCENTAGE FREGUENCY OF OCCUPRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUNCY OBSERVATIONS GLOBAL CLIMATOLOSY BRANCH USAFETAC AIN MEATHER SERVICE / MAC

•••••••••••• 9.3 11.7 11.3 * ... 10.2 4.07 10.2 J • 6 1. * * 16.7 . . 1::1 11.2 11. 1120 ME AN HOURS (LST): 09-08-1100 ٠ . . . 3.3 ۍ د . 2.1 1.9 <u>.</u> **≯** ∴ •• • ن ا 11.1 • 1.1 . t. 77-86 4 PERIOD OF PECORD: MONTH: DEC HOUS 7 -1 . 7 ٥. STATION NUMBER: 725060 STATION NAME: 0115 A16P MA 1.1 1.0 ٠. ş ... · · 3 3 ે. • ... · . · . . . 1 1:1 0 **.** J J 1.6 ن د : a. 1:1 7 ۲, -٠ ا ~ (DE GREFS) VARIABLE TOTALS CALW E S.F. # .5 # 3 Z 32. 4 2 2 S S ... 5 E NE ليد 10 555 نيا چر Λ

TOTAL MUMPLE OF OMSFRWATIONS: 15.

PRINCIPATA ... FOLLOCION OF PUCCHARIST OF CHARACTER ALAC DIMERSTRING AFRICA AND SELECTIONS. ULUGAL CLIMATCLOLY SKASCH U AFETAC AIX MEATHEN SERVICEZMAC

PLUIDE OF HICOPOT 17-BU MONTH: DEC HOURSHISTEL TOUR-14-L STATICA NUMBER: 725020 STATICA NAME: OF IS ANDE MA

L ESTENDIO LUCUSEEST	P3		7 - 1.	11-16	72-11	12-53	#	19-19 78-95	# e ~ 5 5	of se	7: 7 & . 8	FLAR #1P.C
	•			• 7 • • •	•	•			•			
7	7	4.	3	•	÷.	-					•	11.2
· ~ -	•	3.	 	•	•						3	11.5
		•			~•						1.1	,
J			:	•	•						2.1	,
- 		.1	~		•						3 6.	10.3
2		•	•	•	~						7.	1 1
15.		3	•	.: •							6.1	o- •
^	:		•	•	-						**	i u
* 60		.1	€. • µm	•	•							15.5
* 5	•	3,	1.7	1.	•	•					5.1	1.0.3
3 .0 .4			#4 #2	\$ • •	1.4	•					111.7	12.7
		•	3	F	. <u>.</u>	•	7				11.6	12.0
3 7 3	•	7				•					1 . 1	16
;	-:	÷	č.		7.	•					11.1	12.3
4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	•	• •	*	•	3.	•					en e n	10.7
	•	•			•	•					•	
CALM	***************************************	,,,,,,,,			,,,,,,,,,,		,,,,,,,,,,,,		,,,,,,,,,,,,	,,,,,,,	#. #	,,,,,,
T013LS	1 - 1	1 7. 7	:1.1	\$ · • \$	1.1	•	•				3.001	11.0

TOTAL NUMBER OF CHSERVATIONS: 37

PERCENTALL FRAMENCY OF CECURRING OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOUMLY GESTRYATIONS OLUMBL CLIMATCLOSY ARAYCH

AIR MEATHER SFRUICE IMAC USAFETAC

11-16 17-21 22-27 28-33 34-4C 41-47 46-55 GE 56 T(TAL PEAN 7.0 9 X 12.2 1..8 () (n) **3** 11.2 9 · .. 10.8 11.0 9. 15.2 30 E. 7.5 16.1 # INC HOURS (LST): 1500-1700 3.9 5 . 7 * . . 11.3 **~** . . * . . . ٠. ټ 11.1 . . 17-86 PERIOD OF ALCORD: MONTH: DEC ∹: ~ • 1.3 .. 9 • ٥. 2. 6 7 ÷ STAILCA NAME: OIIS AND MA ć. · · ~· 7.5 : ~: ٥. 7 . . 4.5 . . . 1. æ. ٥. ÷ 1.2 6.1 .. F 1 3.7 ٠ • ~ ŝ Į. ا · د 1.4 1 • E ٠ س 1.t 1.1 1.9 1.2 ₹. 4 3 7.4 (, . .. 1.8 ٠ • • STATION NUMBER: 775540 # 3 ~ UIRECTION 1 (5150970) I SE 12 1 SE 185 \$ 5 SE ž 2 2 P. N.E F 74E 7 S z ند Л

5 TOTAL NUMBER OF OPSERVATIONS:

٠,٠

7.h

6. 37

\$0.1

21.6

TOTALS

VARIAPLE

•

ULVIAL CLIMATOLULY SABACH

AIM WEATHER SERVICE / MAC LEAFLTAL

OF IS ANCH STATION NAME: STATION NUMBER: 725063

FLEIGU OF PECSPO:

#IND SPELE IN MNOTS | 11=1c | 17=21 | 22=27 | 24=40 | 41=47 | 4P=55 | 5c | Tital | Mlan 1. . 7 ۲. ~· : 10.7 * · . " 4. 11.0 1: • 1 • * . . 1: . t ₹• 3<u>1</u> 111111 • 176 HOUPSILSTI: 1407-2010 10 t • • --<u>'</u>: ... -» c · . H . 1 A . . 1 а • •• • MONTH: DEC -~ 1.2 7.1 ٠, 1 1.8 ۍ • 3. ٠ l . . 1.1 ċ. ٥. • 2. 3.5 6. C . . ۲, ٦. 200 1.1 ĵ • I ្ន**ា** с. С. 3.5 1.0 21.5 3 ر من • Û **.** ... 3.7 ٠, بد 4 7-12 1.7 1.6 1:1 1.6 ٠, ٠, M) ۳) ه ¢. ٠ ٣, α. **3** 6. 21.5 4 - 6 æ. ٠, C. 4 ۲, Ş 9. o. ₹. 5 1-3 UIPECTIUN (DEGREES) VARIABLE TOTALS CALM E R E 2 2 2 با چ ESE SE SSE 388 3 11の日 3 2 3 3 2 3 2 2 z 4 S

37€ TOTAL NUMBER OF OBSERVATIONS:

MCLNTAGE FREJUENCY OF OCCUPRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SFLED FROM HOURLY OFSFRVATIONS	PEPIOD OF FECORD: 77-86 MONTH: DEC HOURSILSII: 1107-2355
PERCLUTAGE FREGUENCY O	IION NAME: OTIS ANCE MA
GLOSAL CLIMATOLOGY BRANCH USAFETAC A 18 WEATHEN SERVICE/MAC	STATION NUMBER: 725060 STATION NAME: OF IS ANCE MA

NAME 1. 3. 4. 4. 6. 5. 7. 11 1. 4. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	DIPECTION 1	1-3	3 - 3	7-10	11-10	12-21 12-21	12-27	28-53	34-45	41-47	# e - 5.5	95 39	TC TAL	2 4 7 H
3.3 3.4 3.6 3.2 3.1 3.1 3.2 3.1 3.2 3.1 3.2 <td>·</td> <td>:</td> <td>• **</td> <td>:</td> <td></td> <td>. M</td> <td>• • • • • • • • • • • • • • • • • • • •</td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td>***</td> <td>9.0</td>	·	:	• **	:		. M	• • • • • • • • • • • • • • • • • • • •	•					***	9.0
3.3 6.6 6.5 7.2 7.1 2.2 1.4 7.5 7.1 7.2 2.3 1.4 7.5 7.1 7.2 2.3 1.4 7.5 7.1 7.2 2.1 1.4 7.2 7.2 7.1 2.1 1.4 7.2 7.2 7.1 2.2 1.4 7.2 7.2 7.1 2.2 2.4 1.2 7.2 7.1 2.3 2.4 1.2 7.2 7.1 2.3 2.4 1.2 7.2 7.2 2.4 1.5 1.2 7.2 7.2 2.4 2.5 2.4 2.2 2.2 2.2 3.1 3.2 3.2 3.2 3.2 3.2 3.2 4.4 2.5 2.5 3.2 3.2 3.2 3.2 3.2 4.5 3.2 3.2 3.2 3.2 3.2 3.2 3.2	NN E	<u>«</u>	3.	٠,	÷.		. 1						7.1	L • ,
5.2 1.5 1	 2	۳.	• €	ψ·	·	• 2							•	0 • ,
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	ENE		•	**	1 . 4	\$							о • •	12.4
1.		.		1. 1	1.1									e.
1.4	E SE	c .	.1	M: •	٥	9.							7.6	1
11.4	SE		•	ž	۳.	• 1							7	a) • •
.1	ы 80 10		1 • 4	£1	• 5								? -	*) •
3	s	-	•	1.4	٠.								a r.	30 3
.3 .5 1.5 .6 .1 .1 .9 1.9 1.5 .2 .3 3.6 2.9 3.3 .6 .7 .4 2.6 3.6 6 .7 .5 3.6 7.5 .6 .7 .5 3.6 2.6 1.7 .7 .3 .1 2.1 2.2 .4 .1	38	۲.	•	*	1.2								*	10.1
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Processable to Suctiney of Secondary of Souther Divine City of City Nethons (Result of Prop. Pro

STOWAR CLIMAL LOUY SPAYON CHAPLING CHAPLING AIN AFATHEN SERVICEZMAC

1 FEBIOD OF PECOND: 77-86 MONTH: DEC. HOURS (LST): STATION NUMBERS: 775067 STATION NAME: 3115 ANDE MA

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TUTAL NUMBER OF ORSFRVATIONS: 7435

FE CHATAS, FILLUENCY OF OLICEMENT OF SURFACE WIND CIMELITION VERSUS WIND SPEED FROM STRUCKS.

OLC, AL CLIMATOLOGY (NASCH) U AFLIAC AIR ALATHEM SLAVICE/MAC

83	1 - 3	9-6 7-10	:) - - -	17-51	SPEEF 22-27	N	34-45	41-47	•	ίΕ 56	TOTAL	# W F F F F F F F F F F F F F F F F F F
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 	5.	1.2	1.7	1.2	3	-	<u>.</u>	0.		٠.			10.0
E NE		1. C	1.3		.	•	٠	c .				3.4	7.1
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TOTAL NUMPER OF OPSERVATIONS: 87% 63

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS ULUBAL CLIMATOLUUY BRANCH USAFLTAC AIR MEATHER SERVICEZMAC

STATION NUMPER: 725060 STATION NAME: 011S A4CP MA
HONTH: ALL HOURS(LST): ALL
CFILINGS 200 TO 1400 FEET WISIBILITIES 1/2 MILE OF MORE STATION NUMPER: 725060 STATION NAME: OTIS ANCE MA

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1. 2. 1.7 2.6 3.0 1.5 .9 .9 .1 .0 .0 .1 .0 .0 .1 .0 .0 .1 .0 .0 .1 .0 .0 .1 .0 .0 .1 .0 .0 .1 .0 .0 .1 .0 .0 .0 .1 .0 .0 .0 .1 .0 .0 .0 .1 .0 .0 .0 .1 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
1 1.7 2.6 3.0 1.5 .5 .1 .0 .0 .1 .0 .1 .0 .0 .1 .0 .1 .0 .0 .1 .0 .0 .1 .0 .0 .1 .0 .0 .1 .0 .0 .1 .0 .0 .1 .0 .0 .1 .0 .0 .0 .1 .0 .0 .0 .1 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
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1. 1.7 1.1 .4 .1 .0 .0 .0 .1 .0 .0 .1 .0 .1 .0 .0 .1 .0 .0 .
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.1 .6 1.5 1.1 .4 .5 .0 .5 .1 .0 .0 .1 .0 .0 .1 .0 .0 .1 .0 .1 .1 .0 .1 .1 .0 .1 .1 .0 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1
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3. 1. 6. 6.7 7.7 1.1
S# 1 .2 1.5 2.7 3.1 .8 .1 .6
MSW .2 1.9 3.4 3.5 1.2 .1 .0
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J. 1. 3. 7. 1. MA
MNW 1 . 1 . 2 . 8 . 2 . 1 . 0

TCTAL NUMBER OF OBSERVATIONS: 16147

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIRVARIATE FPEQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "O" THROUGH EQUAL TO OR GREATER THAN 2C;COD FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM 2ERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY D3SERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY HONTH; MONTHLY AND ANNUALLY (ALL YEARS NOTES:

BEGINNING IN 1966, METAR STATIONS REPORTED VISIBILITIES TO 5 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL 70 OR GREATER THAN 10 MILES APPEAR BLANK. AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER Some Stations Report Higher values. Therefore, the 10 mile visibility column sometimes contain Small percentage values. However, these values are of little meaning and should be DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPESSED To 5000 FELT. THEREFORE, NO PERCENI VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SAY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED). DATA SUMMARIZED BY THE

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION

0/10	3/10	9/10	13/10	13/10
	1	1	,	٠
CLEAR	SCATTERED	BROKEN	OVERCAST	OBSCURED

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

GEUSAL CLIMATOLOGY SHANCH USAFETAC AIM #5ATHER SERVICE/MAC

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ORD: 77- HOURS	E /2	5.58	7.	-	7.	58.1	2.	2.	3.	64.7	,		•	÷	Š	80	6	2.	82.9	4	5	9	•	88.3	•		2	4	91.6	æ	٠,	99.2
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TOTAL NUMBER OF DBSERVATIONS:

PERCENTAGE FREQUENCY OF OCCLAPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

GLUSAL CLIMATOLOGY FRANCH UJAFETAC AIR WEATHER SERVICEZMAC

PEPIOD OF RECOPD: 77-86 STATION NUMPLE: 725040 STATION NAME: OTIS ANGE MA

216

TOTAL GUMBLE OF GESFRVATIONS:

PERCENTAGE FRESSENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

GLUBAL CLIMATOLOGY BRANCH USAFETAC ATR MEATHER SERVICE/MAC

STATION NUMBER: 725360	NUMPLK:	395		SIALIUN NAME:							MONTH: JAN	JAN.	JAN HOURS (LST);	(LST):	0600-0800	90
CENTRO IN FEET		, C. E.	. u	3 13 13	~, H D	0E 2 1/2	VISTE 66.	VISIBILI 1Y IN 62 6 5 6 6 6 6 7 1 7 2 1	IN STATU	STATUTE MILES GE GE 174 1	S GE 374	GE 5/8	6E 1/2	GE 5/16	GE 174	SE U
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(60002 30		47.9	7 - 27	5. 3.5	3 • 8 7	3+ 2• C	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	46
UL 18000		2.84	48.4	48.6	48.7	48.6	48.9	6.84	48.9	48.9	48.9	48.9	48.9	48.9	48.9	4
5E 16005		46.2	1 · G 1	48.6	48.7	ee•3‡	48.9	6.84	48.9	6.84	6.84	6.84	48.9	48.9	48.9	8 7
10041 30	31 46.5	6.6h	50.1	50.3	5B • 4	50.5	9.35	50.6	50.6	50.6	50.6	50.6	9.09	50.6	50.6	50.
0E 12000		3 n s	50.5	51.1	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
05 100001		54.8	55.4	55 • 4	55.5	55.6	55.7	55.7	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55
0006 30		55.1	55.5	55.7	55.8	55.9	56.0	0.45	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.
66 80001		50.6	59•3	5.65	59.8	5.65	60.0	60 .0	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.
5E 7F00	21 55.2	3.65	6 € • 4	9.69	61.5	61.1	61.2	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4
00009	_	60.8	61.7	62.5	62.4	52.5	62.6	62.6	62.6	62.7	65.9	65.9	65.9	62.9	65.9	62.

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126 GPSERVATIONS: ځ SUMPLE LOTAL

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FERCENTAGE FREQUENCY OF OCCLARENCE OF CEILING VERSUS VISIBILITY FERCENTIONS

SLUGAL CLIMATOLOCY BRANCH
USAFETAC
AIR MEATHER SERVICE/MAC

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13	J.	-		r.	~	,,	۳,	~		3	3	3	3		3	3
		~	• -==	3	. un	١.		· ·	S			S				
3	53.9	65.3	66.1	9.99	67.3	9.19	67.8	67.6	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1
٠,)	e,	7	٠	<u></u>	•	()	Ö	ು	0	ů	Ö		·	•	0	ز
J.	-	ځ		ru.	2 •	~	M	~	3	M)	* :	ë.	m	3.	M	8
ج ر ۲	٠ ٢م	71.9	3	*		٠	٠,	s	٠ د	÷	9	9	•	•	•	٠
ر ر ر	J	73.7	٠ ص	٥		.0	ω	10	œ.	•	ċ	6	6	6	ò	•
51	3	74.3	\$	•	7	u.	æ	Ð	•	•	ċ	•	6	6	6	6
	65.7	75.3	17	70 .4	76.6	2	•	81.3	61.7	:	82.0		82.0	82.C	82.0	82.0
15001	٠	70.07	• ت	J	÷	31.6	N	٦,	~)		M .	ň	m	~	m	m
10001	•	76.6	•	(3		۲.)	•	#		3	3	4	•	4	3	
ن		76.9	٠		-	C.1	M 1	3	4	Š	Š	Š	ŝ	5.	\$	ŝ
u.	66.1	77.0	16.		دع	2	3	1. 43			85.9	5.	86.0	86.0	86.0	86.0
1072		77.	•	د-	2	~	3	5	9	•	9	•	ġ	9	•	ġ
	•	77.5	C·	ان دن• ا	83.2	4.40	± 4 € 50	~	7.	ŵ	α.	88.3	8	8	8	9
آن را	66.1	77.1	۰				7.		6	6	ċ		·	·	Ċ	ن
ੁ ਕ		77.5	•	-	•	\$	۲.		ů	•		:	-	-	:	-
	66.1	77.	19.7	81.5	•	₽ • 41 5	8.5 0	5. De	α, .	5.15	93.0	93.5	93.9	93.9	94.1	94.1
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I TAL NUMBER OF DESERVATIONS: 75.

I

PINCEPTANE PFELDENCY OF UCCINFENCE OF CFILING VERSUS VISIBILITY FROM HOUSEY OBSERVATIONS CLOCAL CLIMATILOGY BRANCH COARTAL

#FAINTH STRUICE ZMAC

55.2 55.2 59.0 59.8 63.8 64.2 65.4 67.9 81.0 83.4 84.6 85.3 58.8 94.0 98.66 87.1 56.4 0 47.7 HOURS (LST): 1200-1400 VISIBILITY IN STATUTE MILES 63.8 64.2 65.4 67.9 74.9 78.5 79.2 81.0 84.6 85.3 87.1 71.9 94.0 95.7 98.5 1.65 GE 1/4 47.6 47.7 47.7 50.4 555.2 55.2 59.0 59.8 48.2 55.2 55.2 59.0 63.8 65.4 67.9 71.6 74.9 91.0 84.6 88.2 94.3 98.3 5/16 43.5 47.7 59.8 89.6 2.66 97.1 G. PEP100 OF RECORD: 77-86 65.4 67.9 71.6 74.9 78.5 79.2 81.0 88.2 89.6 91.9 94.0 95.7 98.2 GE 1/2 50.4 55.2 55.2 59.0 59.8 63.8 84.6 85.3 87.1 6.86 47.6 47.7 43.5 6E 5/8 43.5 47.6 50.4 55.2 55.2 59.0 59.8 63.6 65.4 67.9 71.6 74.9 78.3 79.0 80.8 83.2 84.4885.1 86.8 88 . C 89 . 4 91.7 93.5 95.0 4.16 91.6 MONTH: JAN 4.76 5E 3/4 50.4 55.2 55.2 59.0 6.7.8 61.9 79.0 80.8 83.2 84.4 85.1 88.0 93.5 95.0 47.7 59.8 67.7 4.39 86.8 89.4 97.2 55.2 45.2 59.0 59.8 60.7 65.4 74.9 78.3 79.0 80.6 85.0 85.0 86.7 93.3 6.56 50.4 63.6 9.7.6 47.6 47.7 47.7 52.2 95.8 61.9 1 / 4 43.5 47.6 47.7 47.7 52.2 55.2 55.2 59.0 59.8 63.x 78.2 18.9 a0.6 63.€ 8 tt • 3 86.5 87.5 400.0 400.0 400.0 400.0 400.0 93.4 65.4 ن د 1 172 65.4 65.4 65.4 67.9 74 .4 74 .1 76 .1 8.0.5 8.2.e 83.9 86.2 87.2 88.1 93.2 91.7 92.3 92.9 6.76 ب د. 65.i 78.6 () • •? 0.7 * 5 6 4 • 8 74.6 40.5 42.5 6.7.6 84.8 5 · 6 P 47.6 4.00 4.65 10.30 36.6 # 5° U (° 3° 6° g • € ٠, 47.7 05.1 67.1 7.06 1 05.6 67.5 71.3 18.2 31.6 D 3 0 4 4 4 5 4 5 4 \$ • > C 55.6 63.9 46.9 ٠. ٠ ت ، ٠ ر د د د د 41.7 1.4. 0113 74.4 77.6 73.1 19.7 1.53 1.5. 1. E 50.0 ر. د ر ار 53.5 · . # # # # # # # # # • , 0 ي ن STATION NAME: 74 45 14 45 14 46 77. .4 1. 3 73.7 7.5.5 0 3 .4 7 a & 7. T. : 50.3 ر د د د د 5. e.s ر و م. ا ?. ... 3. 30 , 7 , 3 1.1. 1.75 1. 20 r. ن. د ~, 2 · L 7 · L 7 55.4 4 . 6 3 63.1 3 4 . . 1000 11.1 73.4) + 1 U c 1 • 4 71.4 . . . 7 ... 0 . . . • 1 j STATION NEW-18: 725CES * * 74.6 7.6 ::: 4.7.6 7.7.6 62.2 74.3 75.6 77.5 77.0 5.12 70.5 . 2 . 2 . 3 . 4 y • 9 4 79. -٦ , , , į • ,, j ÷ . 3 3 . , 4 4 4 * * * * 2 U t. 0.1 3 4 3 2 3 3 6.7.6 : .> . . , <u>-</u> ز . * · , 3 3 3 ز د ن 11 : C: li l'o 111, o ~ 3 2 g · f · .

. 7 C. StrVATIO: .. <u>.</u>. ¥ ;• 141

FERCHATAUF FREQUENCY OF OCCHARNOL OF CEILING VERSUS VISIBILITY FROM HOUGHY OBSERVATIONS A TAL CLIMATOLOTY SEASON APITAC AIS APATSEN SERVICEZMAL

E CE C	2 3	0	9	49.6	4 51.	7 53.	8 56.	9 56.	6 t.	3 61.3	8 63.	9 65.	6 66.	.69 0	1 71.1	7 74.	.11.	1 81.	5 81.5	7 83.	2 85.	5 65.	2 86.	6 67.6	9 66.	2 96.	92.	1 95.	9.95 9	3 90.	5 . 94.
٦٥	*	9	. 0	6 \$	51.	53.	•	•	\circ	61.	~	65.	66.	69	71.	7.	~	_	8 1.	m	•	W.	9	87.	ത	C)	92.	95	÷ >	£ 7	0
GE 5/16	45.5			9.6					•	61.3	•	6.59	9.99	0.69	71.1	74.7	77.3	A1.1	R1.5	A	45.2	S	ġ	A7.6	æ,	ů	92.3	95.1	96.6	96.3	9.00
	45.5			9.64	•	3	•	9	ċ	61.3	~	Š	•	÷	71.1	· =	۲.	-	81.5	m,	\$	٥.	•	87.6	30	Ċ	2	\$	96.6	9	
GE 578	45.5	۰		49.0	•	٠.	۰	٠	ċ	61.3	*	Ś	•	Ġ.	71.1	3		:	81.5	m,	'n		•	37.6	8		:	‡	96.3	œ	•
ES GE 374	\$ C = C	ó		40.6	-		۰	£	C.	61.3	~	·	9	0	71.1	3	7.	-	81.5	٠,	٠	رما •		67.6	an an	60.0	-	_:	96.3	ď	•
UTE MILE GE	45.5	0	6	49.0	•	~	•			61.3	•	65.5	9	÷	71.1	÷	7		[•Io	~	•		٥	47	·	·			1.50		
N STAT 6E 1 1/4	, • <u>S</u> #	<i>э</i>		9.64	•	~	ာ	9		£ 1 · 3	٠,	•	•	•	71.1		7	•	61.2	٠,	J	٠,	Š	47.1	÷	•	•	• •	2.46	۰	•
11.174 I	ب م م	•	•	9.5	-	~>	ی	Φ	7	61.3	~ ∩	45.4	Φ	(P	71.1	3	~	·J	81.1	~	đ		u.	3 · 3	/	Đ	′)	.0	3. 19. 9	*	7
VISIR 6E 2	4 E • 5	•	Ŷ	3.54	-	~^	9	ţ	Ċ	01.	•,	و دي	Φ	о С	71.	3	نيد	(,	هي• ر		#	3	•	36 . 1	٥	•	•	•	. 1 .	•	
CE / 1/2		3.00	5.5	30 37 47	51.3	53.5	1.04	20.00	و ر. د	51.6		65.7	56.30	66.0	۶• يار	7.4.	1.00	5 1	1° 10	Ω • • •			1.4.	7 . 4		16.7	1.15	-6.5	0.5	3. 0	, , t
~ • 				. 0.3		•						٠ دع	è	• •T	17.5	3		•	9					•		ب ب ب					
.5	45.1	10	J))	~1	, v. o.	ر د د	A . 5 %	3 1	,	3.0	65.4	1.13	3.49	73.3	75.55	1001	70.1	3	· .	•	3. 3.) () a	~; ~; a	 # a			6.5.1		
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ن د نیا د	3 3 3	10		3 · D	•	•	5.5	4.0	, u	# * * * *	ر د	7	; ;	٠ ٢٠	t. 7 . E	11.3		•	76.3	•		76.1	16.1	7.47	19.	3.57	7.2.	٠. ١٠٠	,	7.5	, -
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TAL NUMBER OF STREAMSTERS OF

FINCENTACE ENFLUENCE OF UCLLEMENCE OF CELLING VERSUS VISIFILITY FROM HOUPLY OBSERVATIONS LUCAL CLIMATOLOGY SANTON CORPETAC AID ALMINING SENVICEPAGE

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Crit 1 49.7	7.1	53.4	70 14 15	٠,٠	37.0	52.6	9. 25	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52 · b
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•	~·	•	7	4	•	3	3	j	3	3	3	3	3	3	3
4. 1 17. 01	3.5	7 • 3 ° °	* * * '	3.4.	54.5	3.40		3	54.5		54.5	54.5	54.5	54.5	54.5
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4.3% (1.7 f)	ر د د		63.7	11.1	61.8	61.3	61.0	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.6
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1	75.3	* ;	71.3	62.3	36.5	6.20	83.3	65.3	83.3	83.5	83.5	83.5	83.5	d 3 • 5	83.5
11.1	D		٧,	•	-1	ň	3	÷	÷	;	•	÷	*	3	÷
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	\$ • •	0 3 . 1	* * * * * * * * * * * * * * * * * * *	56.7	47.2	3.80	0.68	0.68	89.2	9.68	89.6	89.6	89.6	9.69	9.48
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5 407 10m2	•	3				0.46	95.6	35.6	96.3	97.0	0.16		97.1	37.2	•
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12.	3.5	•	1.20	ν Ω Φ	-	4	J)	÷	7 •	۲.	ю Ф	œ	œ	œ.	•

2 \$1.

TIME NUMBER OF CREEKARTIONS

FFACENTALE FREQUENCY OF OCCUMPENCE OF CFILING VERSUS VISIBILITY FFACENATIONS

COLUMB (CIMPINION CARNOT COMPETAL COMPETAL AIN MATHER SENVICEZMAC

	:																																	:
	6.E	5#	5.	56.0	3	•	7.	٥	ċ	2	63.1	÷	,	•	72.4	•	80	3	ň	64.1	Ş	'n	'n	87.3	œ	ψ	6		۵.	Š	٠ ص	6.66	100.0	:
160-23	GE 174	9.	80	56.0	9	•	7	ů	ó	2	63.1	4	,	6	72.4	4	œ	ė	ň	84.1	5	5	5.	87.3	8	8	ċ	-	m	5	æ	8.66	6.66	
6 ST1:	GE 5/16	- 3	Š	56.0	•	9	7			2.	63.1	4	7	6	72.4	÷	æ	ď	3	84.1	Š	ŝ	ŝ	87.3	8	8	o.		~	5	8	98.7	7.80	
0: 77- HOURS(GE 1/2	54.	5.	56.0	•	9	-		ċ	2	63.1	÷	7	6	72.4	4	60	•	8	84.1	5.	\$	S	87.3	8	80	6	:	~	Š	7	98.6	98.6	
F RECO			5.	55.9	5	9	7 .	•	0	2	63.0	÷	,	6	72.3	3	œ	·	3	J • #8	5.	Š	5	87.2	æ	œ	6	0	δ.	5	۲.	97.8	97.8	:
E & I O D MONTH:		#	5	55.9	·	9	7.	c.	ċ	61	63.0	3	۲,	•	12.3	3	å	ċ	*	0.48	ů		Š	87.2	a)	α	ò	ن	M	٠	7	9.16	9.76	:
	75 M1LE	3	•	55.5	5	•	۲.	ū	0	2.	63.0	÷	7	Ġ	72.27	4	.	•	~	83.5	÷	ŝ	5	87.1	-	6 0	6	• ت	~		9	3.16	01.0	•
	STATU 6E 1/4	4 • 5	ات	55.9	\$	9	~	٥	0	د،	0.3.0	÷	7	6	72.2	÷	œ	0	~	63.9	, T	£.	٠.	67.1	-	\$	ė.	ů	r.		un.	9.5	5.5.5	:::::::::::::::::::::::::::::::::::::::
	LITY IN 6E 1/2 1	5.4	u٦	5. 55	S	۵	~	つ	Э	~	63.0	#	~	()·	72.2	3	30	: 3	~	83.9	#	S	S	87.1	~	ю	3		\sim	1 3	S	95.3	95.3	•
	VISIE1 6 2 1	S	9	55.9	رن دن	9	7	• د:	С.	64	65.9	.	7	·	72.1	•	œ	٥	٠ ۲	83.4	, T	u۱	• ص	1.90	۲.	۲.	ar.	٥		2	٠,	i M	43.3	:
, CF	CE 2/2	.~1	5	55.7	\$	•	٠,	ن •	j		o; • o	±	۲.	٠	71.6	'n	7 •	٠		65.8	3	, ,	3	65.7	ن	•	7.	٠ ناد	٠		ر	91-1	91.1	•
C	, , , , , , , , , , , , , , , , , , ,	• •						60.1						ď		•	•						3 5				_	_	_		_	43.1	1 - 0 5	
1 6 2	- J		5 . S	55.53	55.3	56.3	6.95	: :	ı.	63		63.7	67.3	· A	:3	6	76.1	10	_	81.0	14	~1	~	*	3	#	A5+3	•	7	_		F7.5	7 .	
14110	• •		٠,	٠,	\$	ن	٥	ς,		٠.	٠, •	63.7	61.5	a:	C)	,	16.4	41.		_:		82.0		~1	~1	~1	•	9.5	3	•		· •	• •	
3	:	٠ • •		5.4.	5.4.5	6.5.9	\$ • \$	~	•	:	•	.•			-		75.3		•		•	•		~	-	-	51.t	2	•	(1	,	1.23	1.20	•
١, ٩: ،														1.6	C /	4.3	1.6.7	0	يد • •		ر با د	3• 3	.	`.	~`.		• •	U	Ų	ş		13.6		•
¥ ₹ 2¶	?		מנוניו.	2.00		700 1	- 	- Ja 313	7	=	1002	5	1	·		+00	ري <u>-</u>		_	_	_	10001	_		- 35	-	_		_	. -	_	100		
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671

TOTAL MUMPED OF UPSENVATIONS:

FREQUENCY OF COOLERS NOT OF COLLING VERSONS ATSIBLED PERCENTAGE

THE TELEVILLOUY FRANCH FIXELYI AND TREMUNDENCY OF CELEVALIONS FIXE FROM HOUSELY OBSERVATIONS ASTAFF STRVICE / MAC

																																	:
	GE	49.3	~	2.	Ň	53.0	• n	30	œ		62.0	'n	•	ġ	16.1	5	ŝ	۲.		81.7	۳,	÷	ŝ	ۏ	87.6	ŝ	Ġ		ň	0.96	Ģ	·	100.0
ALL	GE 174	M 6 #	~	5	\$	53.8	n	80	œ	-	62.0	3	•	8	70.1	2.	Š	7		81.7	3	3	5	•	67.5	æ	6	•	₩.	0.96	80	ċ	7.66
86 LST)		49.3	2	2.	ů	53. 8.1	e n	3	8	•	62.0	3	•	20	70.1	2.	Š			81.7	8	4	Š	9	A7.5	8	6	•	~	95.6	7	10	5.86
: 77 0 URS	6E 1/2		~	\$	2	53.8	, n	æ	80		62.0	ň	9	ထ	70.1	2.	Š.	7	:	81.7	3.	7	\$	ġ	87.5	30	6	-	~	95.7	-	6 0	99.3
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PERCENTAGE FRENDENCY OF UCCLARENCE OF CEILING VERSUS VISIBILITY FROM HOUSELY OBSERVATIONS

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PERCENTAGE FREQUENCY OF CCCLPPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

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PERCENTAGE FREGULACY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUMLY ODSERVATIONS

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VISIBILITY IN STATUTE MILES
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PERCENTIGE FREGUENCY OF GCCLRPENCE OF CEILING VERSUS VISIBILITY FROM HOUFLY OBSERVATIONS

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TOTAL NUMBER OF OBSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ULUGAL CLIMATOLOGY BRANCH USAFETAC A DE SEATOR SECUTORINA

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TOTAL NUMBER OF OPSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCLRPENCE OF CEILING VERSUS VISIPILITY FROM HOURLY OBSERVATIONS

ULGGAL CLIMATOLGGY GRANCH USAFETAC AIR AFATHFR SFRVICE/MAC

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t E	69.	C 78.3	81.6	3. 7. 6	85.3	85.7	87.2	88.1	68.1	98.1	88.1	88.1	88.1	80	88.1	88.1
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PENCENTAGE FREQUENCY OF OCCIRPENCE OF CELLING VERSUS VISIBILITY FROM HOUTLY OSSERVATIONS

SESPACH CLIMATOLOGY SRANCH STALTAC AIM MEATHER SERVICE/HAC

STATION NUMPER: 725060 STATION NAME: OTIS ANGR MA

PEPIOD OF RECORD: 77-86

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ULUSAL KLIMITSLOOM SKANCH DOAKSTAG AIT MEATHER STRVICE/MAG

PERCENTAGE FREGUENCY OF CCCUPPLACE OF CEILING VERSUS VISIBILITY PERCENTIONS

A D. WEATHER STRUCKFARC STATION NUMBER: 725365 STATION WAME: OTTS ANGR MA

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TOTAL NUMPER OF URSERVATIONS: 7457

PERCENTED FREWDENCY OF ECCEPTENCE OF CFILLING WERSUS VISIBILITY FERENATIONS

OLUGAL CLIMATOLOGY CHANCH USAFLTAC Alm meathfr Sfrvice ZMAC

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TOTAL NUMBER OF CASERVATIONS:

POLICIATION FEEDBANCY OF CCCHAPENCE OF CFILING VERSUS VISIBILITY FACE BOUFLY OUSERVATIONS

SELLAL OLIMATALO, YERRAMA V. ARLIAC Ale af Almin Sunvice/PAC

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PEPIGU OF PECORD: 77-86

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TUIDE NUMBER OF COSERVATIONS:

PERCENTAGE FREGULACY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUTLY OBSERVATIONS

SLUCAL CLIMATOLOGY SRANCH
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6 ST1:	GE 5/16	45.6	20	6	Ġ.	52.2	m	9	,	~	63.6	S		•	70.4	•	74.2		-	77.8	•		8	m	'n	7	89.3	•	8		90	2.66	2.66	:
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FERCENTAGE FREGUENCY OF OCCURPENCE OF CEILING VERSUS VISIPILITY FROM HOURLY OBSERVATIONS

ULUBAL CLIMATOLOGY EKANCH USAFETAC AIR MEATHER SERVICEZMAC

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PERCENTAGE FREGUENCY OF OCCLEPENCE OF CELLING VERSUS VISIBILITY FROM HOUGHLY OBSERVATIONS OLDUAL CLIMATOLOGY SRANCH USAFETAC AIN WEATHEN SFEYICEZMAC

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PER CENTRAL PERCENCEY OF UCCEPPENCE OF CELLING VERSUS VISIFILITY FROM HOUSTY OBSERVATIONS OLUGAL CLIMATOLOGY BRADOM CHAFETAC AIS MEATHER STRVICE/MAC

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TOTAL NUMBER OF UMBENVATIONES

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OLGUBL CLIMETOLOUM DIBROM USAFETAC BIR medimen Semvice/Mac

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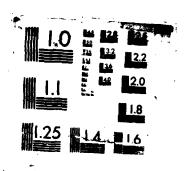
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AD-4183 452 OTIS ANGE MASSACHUSETTS REVISED UNIFORM SUMMARY OF SURFACE HEATHER OBSERV. (U) ATR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A. 12 JUN 87 USAFETA: 040 3/4 NL



MICROCOPY RESOLUTION TEST CHART

PERCENTAGE FREGUENCY OF OCCLAPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS SLUBAL CLIMATOLUGY BRANCH USAFLTAC AIR AFATHER SFRYICE/MAC

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PERCENTALE FREGUENCY OF UCCLAPENCE OF CELLING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

ULDBAL CLIMATOLOGY HEANCH USAFETAC AIM HEATHEM SERVICEZMAC

STATION NAME: OTIS ANGR MA

STATION NUMBER: 725560

PERIOD OF PECORD: 77-86

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NO CETE 1	39.4	47.7	£ .8.4	50 • 1	50.6	51.4	51.8	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
100002	₩)	2.	~	S.	٠	56.8	7	~	_	~	-	-		•	-	~
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E 160001	۳,	r.	~	ŝ	÷	57.1	7	~	7	7.	7.	~				
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E 120001	47.0	56.8	57.6	59.6	5°0'9	61.6	62.3	62.0	62.0	0.29	62.0	62.0	62.0	62.0	62.0	62.0
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E 35001	•	8	6	~	;	•	Š	S	ŝ	ŝ	5	\$	S	ŝ	\$	ŝ
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E 18001	2°69	71.9	73.8	4.97		19.1	2.08	80.2	80.2	90.3	80.3	80.3	80.3	80.3	80.3	80.3
E 15001	6	•	3	8	0	-	:	-	:	2.	'n	5	5	5	5	5
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8001	•	76.6	٠ ع	M	•	9	8.10	98 • 2	88.2	88.3	88.3	88.3	88.6	88.6	88.6	•
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100	61.6	77.3			0	91.2	93.8	4. 56	96.0	1.10	98.0	0.86	98.2	98.2	98.2	98.2
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1001	;	•		85.8	90.3	-	÷	S	•	\$	·	6	•	ċ	ö	

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TOTAL NUMBER OF OBSERVATIONS:

PERCENTACE FREGUENCY OF UCCLRPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR MEATHER SERVICE/MAC

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00	6.5	49.7	3	ŝ	55.0	7.	6	M	•	67.3	8	•	_				75.6	ġ	-	11.9	20	ò	0	ċ	82.6	~	•	•	-	1.46	7.	•	100.0	
800-20	GE 1/4	49.7	3	Š	55.0	7.	6	Ψ.	٠	~	•	ċ	_			. 4	75.6	•	÷	17.9	8	6	ċ	ċ	81.9	3	9	•	:	9.46	•	6	99.2	
-86 (LST): 1	GE 5/16	49.7	3	Š	55.0	7	6	63.7	64.1	67.3	68.4	2.69					75.6	•		77.9		•		ċ	81.9	~	•		•	9.46			98.3	
CORD. 77- HOURS	GE 1/2	•	*	ŝ	55.0	7.	6	δ.	3	67.3	8	•					75.6	•	۲.	11.9	8	٠.	Ö	ċ	81.9	*	•	6	-	9.46	9	7.	98.0	
L.	GE 578	•	4	'n.	55.0	7	6	~	3	67.3	8	6	_			. 4	75.6	16.6	•	41.9	٠	•		0	81.9	8	•	6	-	94.3	Š	ġ	8.96	
P10D	S GE 3/4	1.64	3	5.	55.0	۲.	6	M	3	67.3	œ	Ġ	_			. 3	75.6		٠	77.9	•	•	c.	ċ	81.9	~	9	6	-;	94.3	\$	9	96.8	
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07.15	,	3	~	.	53. R	•	en.	٠.	2	65.6	9		6			,	73.2	3	\$	75.1	÷	9		-	78.3	6	0	2	~	5.	۶.	85.3	65.3	•
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25060	9	45.0	30	6	49.3	:	2	Š	٥	58.9	ċ	ċ	,	. ~	•		64.9	Š	ġ	66.3	7.	~	80	70	69.1	`	Ü.	-	_		~	-	71.4	
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TOTAL NUMBER OF OBSERVATIONS:

CLUDAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREGUENCY OF OCCLAPPENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

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GE 14000	43.7	50.6	53.4	55 .b 56 .2	57.3 58.0	57.4	57.8 58.7	58.1	58.1 59.0	58.1						
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GE 8000	1 47.7	55.2	58.1	9. 39	62.1	9.59	4. 59	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
E 7000	48.	•		_	~	۲٠٦	4	#	÷	4	4	4	3	3	4	*
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0004 30	52.9	62.8	66.1	68 9	71.5	72.2	12.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
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GE 1800	54.0	64.1	61.6	8.07	74.5	74.4	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
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009 30	6.55	67.4	1.	14.1	78.5	19.6	Ġ	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.4
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3	1 56.	8	M	-	5	~	÷	S	ŝ	•	•	•	9	Ġ	•	۲.
300	9.95	5.89	74.1	78.4	83.9	84.9	86.7	38	88 5.1	89.1	80.3	89.3	89.3	89.3	89.4	89.8
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PERCENTAGE FREGUENCY OF UCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUSLY OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

TATION	NUMBER:	725063	STATICA	3		A C C X		,			PERIOD MONTH	OF REC JUN	PD: 77 HOURS	86 LST	ALL	
126	10 10	GE	3	2	6E 3	UE 2 1/2	VIS16 6E 2	BILITY GF 1 172	IN STATU GE 1 1/4	JTF M1LE GE	• •	6E 5/8	6E 1/2	6E 5/16	GE 174	
			• 3			: :	• 0	: (: ,	•	: ,	: ,		•	•	:
777	2		•	0	• • •	0.10	n•26	7.79	7.75	54.3	52.3	52.3	52.3	52.3	52.4	52.4
£ 20000	5.	6		* }	3	÷	5.	S	٦.	u)	Š	5.	5	5	5	Š
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1 16000		• •	<u>.</u> ,	س ر	• =	ŝ.	s S	S	ŝ	ŝ	٠,	2	5	5	Š	\$
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18001	٠ ا الله الله	65.5	4.89	71.1	73.€	74.0	75.0	75.2	75.2	75.4	15.5	75.5	75.6	75.6	75.6	75.6
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006 39	56.8	68.6	71.8	74.8	11.1	76.3	19.5	6.61	80.0	80.2	80.2	80.2	83.3	80.3	80.4	#·08
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1001	51.2	70.3	74.6	78.8	83.6	84 · G	C • 88	7.06	9.06	0.59	95.5	95.5	92.7	7.76	95.8	92.9
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-				78.9	84.1	85.3	68.9	91.5	95.0	3.40	4.36	95.5	96.8	0.79	98.4	100.0
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TOTAL NUMB	ER OF	OFSERVA	11085:	7.000												

PERCENTAGE FREGUENCY OF OCCLRRENCE OF CEILING VFRSUS VISIBILITY FROM HOUFLY OBSERVATIONS ULOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

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CEILI IN FEET	• ,																
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NO CE	11. 1. 3	5 • 4	40.3	# 3° #	40 ·	49.6	50.3	51.4	52 •2	52.2	52.3	52.4	52.4	52.4	52.4	52.5	52.5
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0E 12	20,001 3	7 5	44.1	20°1	52.9	5 • 6 5 • 8	57.5	59.9	59.7	59.7	59.8 59.8	59.6	59.65	59.9	59.9	60.0	58.4 60.0
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GE 30	h 1000	5.9	50.5	9.45	57.8	61.8	62.8	2.49	6. 49	6.40	65.1	65.2	65.2	65.2	65.2	65.3	65.3
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in E	* 1000	5.3	53.5	58.3	61.6	65.7	66.7	68.1	8.89	68.8	68.6	0.69	០•69	0.69	69.0	69.1	69.1
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GE 1	8001	6.5	55.1	60.1	63.1	9 8 9 C	68.9	70.6	71.4	71.4	71.5	71.6	71.6	71.6	71.6	711.7	711.7
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PERCENTAGE FREQUENCY OF OCCLRPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER: 725060 STATION NAME: OTIS ANGR MA

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PERCENTAGE FREGUENCY OF OCCLRRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS SLOBAL CLIMATOLOSY BRANCH USAFETAC AIR LEATHER SERVICE/MAC

PERIOD OF RECORD: 77-86
STATION NAME: OTIS ANGB MA
STATION NAME:
STATION NUMBER: 725060

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TOTAL NUMBER OF UPSERVATIONS:

PEACENTAGE FREQUENCY OF OCCLAPENCE OF CFILING VERSUS VISIBILITY FRANTIONS CLUMAL CLIMATOLUGY HMANCH ULAFLTAC AIM WEATHER SERVICE/MAC

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A CONTRACT OF THE CONTRACT OF THE PROPERTY OF CLUTAL CLIMBI COUNTRACTO CANTON CANTAC

FEBTOR OF ELCUROS 77-86 STATION NEWSCOT PRUBE UISING STORES 15 PARTY WA

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TOTAL NUMBER OF OFSCHAPFLOATS

TO THE TALL FEET CONDICT OF CITCEPING OF CFILING VINSUS VISIFILITY OF SERVETIONS SE ERE TEIMATOLOGY SARVING OS ARECTE

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TO THE POSSESSION OF STREET STREET

THE TAIL TAILOURNEY OF LOCINGING OF CENTING WERSON VISIBILITY OF STREETINGS

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TUTAL NUMBER OF OFSERVATIONS

PENCENTAUL PRECENCY OF OCCURPENCE OF CELLING VERSUS VISIBILITY FROM FROM HOUSE Y OBSERVATIONS ULUBAL CLIMATTUCCY CHASCH L'AFFAC AIM MEATHEM SEBWICLYMAC

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TOTAL NUMBER OF DESERVATIONS:

PERCENTAGE FPENDENCY OF OCCURPENCE OF CELLING VERSUS VISIBILITY FROM HOUSELY OBSERVATIONS

JLOSAL CLIMAIOLOGY SKANCH USAFETAC AIR MEATHER SERVICE/MAC

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¥ ANGB 01 15 STATION NAME: 725060 NUPHERS TATION

HOURS (LST): 0600-0800

PERIOD OF KECORD: 77-86 HONTH: AUG HOURS(LS)

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUFLY OBSERVATIONS

GLJSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PERCENTAGE FREGUENCY OF OCCLRPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

CLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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TOTAL NUMBER OF DESERVATIONS:

PERCENTAGE FREGUENCY OF OCCURPLACE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ULUDAL CLIMATOLOGY BRANCH FERCENTAUE USAFETAC AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 77-86 HONTH: AUG HOURS(LST): 1500-1700 STATION NUMBER: 725060 STATION NAME: OTIS ANGE MA

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_	8 CO	50.8	1	2.	75.7	•	80.3	81.7	82.3	82.4	A2.4	\sim	82.5	82.5	82.5	82.5	82.5
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	100		•	6	85.5	•	93.4	36.7	98.5	æ	96.6	1.66	1.66	1.66	1.66	1.66	1.66
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	1001	•1	12.8		Š	1.	8	•	80	6.86	•	•	6	00	ċ	00	00
لما	c	رم س د	72.8	79.1	45.5	91.7	93.4	7.96	98.5	6.86	5.66	8.06	6.66	100.0	100.0	100.0	100.0

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PERCENTAGE FREGUENCY OF OCCLARENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS GLOBBL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

GE GE 174 U	45.3 45.	3.0 53.	3.5 53.	53.5 53.5	5.4 55.	7.5 57.	1.8 61.	1.9 61.	6.5 66.	4.89 4.89	0.5 76.	1.6 71.	2.9 72.	4.6 74.	75.8 75.8	7.8 77.	9.1 79.	80.4 80.4	0.5 8U.	1.6 81.	2.4 62.	4.1 84.	4.9 84.	86.3 86.3	8.1 88.	0.1 96.	3.4 93.	5.8 95.	97.5 97.5	9.0 99.	.66 9.6
GE 5/16	45.3	M	m	53.5	\$	7.	-	-	9	4.89	ċ		2.	*	75.8	~	6	80.4	ċ	4	2.	3	3	86.3	8	Ġ	~	S	91.5	æ	•
GE 1/2	5.3	M	M	53.5	Š	7.		-	9	68.4	o O		(7	÷	75.8	۲.	•	80.4	ċ		2 •	÷	3	86.3	8	ů	8	5	97.5	80	6
GE 578		<u>۳</u>	m	53.5	Š	٠.	-	-	9	4.89	ċ	-	2.	4	75.8	٠.	•	80.4	ö	-	2	J	3	86.3	æ	ò	M	Š	97.5	80	•
S SE 3/4	4 5	~	~	53.5	٠	7	-	-	9	68.4	Ė	-	ċ	÷	75.8	÷	6	80°4	ů	_	۲.	3	3	86.3	å	0	M	u	97.5	œ	
7E MILI GE 1	45 5.	m	×	53.5	5.	۲.	•	-	9	4.89	å		2.	4	75.8	۲.	6	80.4	ċ	:	2 •	3	, ,	96.2	*		* M	5	97.3	80	.
N STATU GE 1 1/4	u) u)	2	• •	53.4	Š	7.	-		÷,	68.2	ċ		2	4	75.3	7 •	70	19.9	Ġ	-		m	4	85.5	7.	•	2	÷	95.7	٥	•
1 1 1 /2	រ រា រា	2	~	53.4	S	7		~	9	5. 83	C		\sim	3	75.3	_	30	6.62	\Box	_	~	M	3	3.58	7	5	~	ŧ	1.55	S	9
VIS18 6E 2	6.4	5	C.	52.8	÷	9		D		67.2	6	()		2.	13.9	in.	7 •	78.5	œ,	ċ	Ġ	-	C	83.9	Š	7.	٥		9.26	٤,	2
GE 2 172	*		-	51.0	14	, T	دد	÷	ż	2.40		_		•	71.2		•	75.7	(ن	•	7 •	œ.	ŗ	63.6	-	٠,	•	7.	96.1	.0	ı.
(C)	± 2.	•	Ċ.	50.1		۲۰	7	7		63.1	·		٦.	• 60	7°09	:	٠,	13.7	~	÷	℃	9	7	•	6	_	J		•	5	S
	41.5	~	30	1.8	9	_	, ,	÷	70	59.8		\sim	M	4	65.4	~	30	8.69	Ġ.	L)	-	~	٠,	73.9	s	۵	9	œ	19.0	0,	6
ن ښ	. 65	9	9	46.0	• دي	•	2	CJ.	5.	57.5	٠.		-1	5.	63.3	5	5.	66.8	• 9	7.	• ©	œ	6	0	-	72.5	~1	m	13.5	~,	M
9 3 9	7.0	~	3.	43.5	4	9	.	ò	<u>.</u>	53.1	un.	٠.	å	7.	58.8	ď	å	61.6	-	ċ	m	~	÷	64.8	ŝ	•	•		£6.5	9	•
GE 13	30.9	un.	ŝ	35.8	9	~	ė.	ċ	ċ	1 42.3	÷	7 7	***	1 45.	1 46.8	α 3	48.	49.1	*65	0.7	40.	50.	1.50	9.35	1 Sr.	- s.	1 50.		53.9	50.	1 50.
11 1 NG 1 N 1 E E T	EIL	000	80.0	16000	400	000	00	C	0.0	70.00	ວ	Ģ	C)	0	3500	0	0	2000	S.C	r. O	20	_	9.0	8 00	:)	J	: 7	C	300	Ü	\Box

TUTAL NUMBER OF CRSERVATIONS: 930

PERCENTAGE FREQUENCY OF OCCURPENCE OF CELLING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

GLUBAL CLIMATOLUGY BRANCH USAFETAC AIR MEATHEH SFRVICE/MAC

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CEILING IN I	GE L	GE 6	•	ع ن ن	:	GE 2 1/2	VISIB GE 2	1L 1 TY 6 E	• -	• =	S GE 3/4	GE 5/8	6E 1/2	GE 5/16	GE 1/4	G.E.
C CEIL	34.6	1.3	2 - 4 +	45	47.	10	50.5	· N	51.3	M	1.3	۳.	m	• m	51.3	51.4
E 2000	ç	3	7.	6	•	C	4	55.1	5	S		δ.	٠	ď		٠
GE 18000]	37.2	6.44	48.1	50.1	52.C	53.1	55.1	55.5		55.8		55.8	55.8	55.8	55.00	55.9
E 1600	7.	3	8	;	2	8	5.	S	Š	5	ŝ	Š	5		5	د
E 1400	80	٠	0	2	-	5	7.	~	φ.	®	œ	80	8	8	00	30
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E 9000	41.	ċ	2.	2	7	э Э	ċ		<u>.</u>	-		٦.				-
E 8000	43.	m	•	o	2	~)	ŝ	S.	• 9	•	9	•	•	9	9	•
CE 70001	8.2.	53.9	57.4	0• n•	62.5	ŋ• †9	06.2	1.99	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.3
E 6000	オオ	• \$	• •	~	m M	Ġ	۲.	-	ထံ	œ	œ	œ	۰	ů	œ	8
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E 4000	45	7.	ů	m	• 9	7.	ċ	0	Ů	•	:		•		-	;
E 3500		-		0.43	5.99	68.2	70.4	70.9	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.6
E 5000	40,		•	T	•	·		7	2	•	>	2		•	2	è
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1800	46.	æ	5	Š.	6	ŗ	2	~	m	÷	Ŧ	Ŧ.	÷	÷	.	, ,
1500	47.3	58 • B	•	6. 59	9 • 69	71.0	73.4	75.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.6
E 1200	4 /	œ	•	•	D	-	÷		.	Š	ı.	Š	\$	ŝ		ŝ
1000	ď ħ	•	3	~	:	~	5	5	Š	•	9	9	9	9	•	•
E 900	4.8	•	3	~	-:	*	5.	9	9	•	÷	ġ	•	•	•	7.
E 300	ά	0	رب •	20	2.	3	9	7	•	78.	α	8	80	•	Œ	
E 705	48	-	9	3	4	5.	œ	œ	6	•	•		è	6	Ġ	•
009 3		62.6	9.19	71.3	16.2	17.7	4.08	91.2	81.5	•	81.9	81.9	81.9	81.9	81.9	82.0
E 5.00	φ Φ	m	6	~	6	Ċ	3	#	Š	ις.	Š	5.	5	Š	5.	\$
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£ 300	C	×	ċ	75.0	2	85.2	೦ <u>* 69</u>	90 06		92.5	4.00	4.26	92.4	92.4	92.5	95.6
E 200	40	m	ė	9	~	÷	ċ	(V	~	5.	ď.	\$	•	•	9	•
GE 1001	4 9	63.5	5 • 0 2	.0	83.4	÷	0	2	٠ <u>.</u>	5	9	•	•	7		•

0350

TOTAL NUMBER OF OBSERVATIONS:

PEACENTAGE FREGUENCY OF OCCUMPENCE OF CETLING VERSUS VISIBILITY FROM HOUGHY OBSERVATIONS

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERIOD OF PECORD: 77-86 STATION NUMBER: 7250LD STATION NAME: OTIS ANDB MA

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C CEIL	31.	38.9	41.	42.5	3	45.1	46.1	46.0	46.7	46.4	7.7	ū• Ł4	47.0	47.C	47.C	47.0
30000	35.	43.4	5	7. 7. 7		ن	-	CI		۶.	~	2	2	2.		4
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8000	-	Ś	S	57.4	61.5	61.4	65.6	63.7	63.6	64.1	2.49	54.49	64.2	64.2	64.2	2.49
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-	- 47.		•	\sim	•	72.1	74.	75 • 0	75.1	75.4	75.5	75.5	75.6	75.6	15.6	75.6
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5 603	9.64	65.4	70.4	74.4	19.6	:	•		85.5	•	86.2	9	86.2	P 6 . 2	66.2	86.3
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007		•	٠,	~	~	۰	ċ	c,	* 1	٠,	÷	9	9	,		•
្រា	6.67	•	1.5.	11.2	5.20	٠	£.;	۲,	 :	•	į	•	7.	۲.	9. a.v.	•
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5541

TOTAL NUMBER OF CHSFRVATIONS:

PERCENTIAL FREGRACY OF OCCIPPINCE OF CFILING VERSUS VISIFILITY FROM STATIONS

CLICAL CLIPALLOCY HERMON CONTROL OFFICE A INTERFECT OF THE SERVICE ZHAC

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PERCENTAGE FREGULACY OF OCCUPANCE OF CELLING WERSON VISITILITY FROENTONS

PLPIOU OF FECURD: 77-86

ULIVAL CLIMATOLOUY FRANCH UNAFLIAC AIR MEATHER SERVICEZMAC

STATION NUMBER: 725069 STATION NAME: OTIS ANCE MA

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PERFECTAGE FREUENCY OF OCCUMPENCE OF CETCING VERSUS VISIBILITY FRANTIONS UL GAL CLIMATOLOCY GHANGH USAFETAC AIR WEATHEN SERVICEZHAC

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COLORDING OF CHILNO WINSON WINIFILITY ROLL IN ORSERVINGS. A CANADOMER COMPANION OF FRANCES SAL CLIMATOLUCY SHALCH STRVICE /MAL 4 MF A PME

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UPSERVATICS ٠ 4 3 3 3 1 O 2

A CALL TAIL FAREGONIA - COURTERNE - F. CALLAG MANSON WIGHTINE TO CALL THE TRANSPORT OF STREET

CL DAL CLIMATOLOUM ANGREGORANTAC

FLAIOU OF AECORD: 77-86 MONTH: SEE HOURSELSTEE CIATION WIMPLOS 725067 STATION NUMBER OF IS ASCHORA

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TOTAL NUMPLA OF OPSERVATIONS:

PERCENTIAL FRIGHTS OF OCCUMPTANT OF CELLING WENSON WISHBILLTY PRINTINGS. of sat (Limaistoux Franch) Startac alm meather Sthvice/Mac PER100 OF KECURD: 77-86

STATION NUMBER: 7-15-0 STATION NAME: 0115 ANCE MA

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0 CEIL 1	5 - 2	6.03	53.4	55.1	56.6	56.6	56.0	6.6.0	S 6 - 8	56.5	56.9	56.9	57.1	1.7.3	57.3	57.0
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1.00	64.3	75.4	d]. E	97.0	:	0.36	3	ŝ	95.2	•	~	97.2	۲.	80	æ	ċ

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TOTAL NUMBER OF OBSERVATIONS:

PERCENTAGE FREGUENCY OF OCCUPPENCE OF CFILING VFRSUS VISIBILITY FROM HOUGHY OBSERVATIONS

ULUBAL CLIMATOLUUY BHANCH
USAFETAC
AIR WEATHEN SERVICE/PAC

TATION	R: 72506	S1A110h	N N AME	01 15	ANGE MA					PERIOD MONTH	OF REC	RD: 77 HOURS	86 LST):	ALL	
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160001	9	52.5	~	58.5	58.7	59.3	59.5		28.1	29.7	29.1	59.8	8.65	69.65	60.1
64 100041 3	1 55.	٠,	5 (C	ن	-	- 0	<u>.</u>	_	:	;	:	-	;	-
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of 7000 54.	9 62.4	64.5	66.0	67.6	67.8	68.5	8.89	68.9	0.69	0.69	0.69	69.5	69.2	69.3	4.69
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6E 1800 61.	9 72.0	75.0	77.5	19.3	79.6	80.7	81.1	61.2	81.3	81.3	81.3	81.5	81.5	81.6	81.8
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9 10	5 77.7		9		-	J* #6		•	0.10	7.16	97.8	98.3	98.3	98.9	100.0
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TOTAL NUMBER OF DESERVATIONS:

PERCENTALE FREGUENCY OF UCCLAPENCE OF CEILING VERSUS VISIPILITY FROM HOURLY OBSERVATIONS ULUBAL CLIMATOLOUY BRANCH DUAFETAG AIR MEATHER SERVICE/MAG

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00	95	52.6	Š	S	55.8	•	7 .	ە ت	ď	~7	64.2	•	30	٠	71.5	~	Ġ	•		81.4	-	2	ω.	Š	86.2	7	D	•	:	93.5	٥	æ	156.0
0000-05	GE 174	52.5	9	Š	55.7	•	7	·	0	•	04.1	ģ	•	6	71.4	M	•	•	_	81.3	:	2.	~	\$	86.1	-	æ	6	_	93.3	9	œ	98.6
7-86 15(LST): D	GE 5/16	52.4	Š	Š	55.6	•	7.				0.49	•	•		71.3		•			81.2	•	•	M	3	86.0	•	7 •	•		93.0		0.16	97.1
0RD: 77- HOURS(6E 1/2	52.	5	2	55,6	•	7.	•	0	m	0.49	•	ď	6	71.3	2.	•	•	:	81.2	:	2.	δ.	3	86.0	•	7	.	0	93.0	5.	•	6.96
F PEC OCT	GE 5/8	2	8	15	55.6	9		0	0	m	0.49	•	σ0		71.3	2.	•	6	<u>.</u>	81.2		2 •	m	.	86.0	•	7.	æ	ċ		,	5.	95.2
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	7E 35 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	52.4	Š	5.	55.6	9		0	ů	m	0.49	9	90	ď	71.3	2	9	6	-	81.2	-	2	M	3	86.5	ė	7.	Q	ċ	9.20	4	‡	1.46
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	VISIES CE 2		3	5	55.1	9	7.	•	٥.	5	63.2	S.	,	00	70.5	61	5	90	0	8C.4		;	ς,	8	6.48	Š	• 9	7.	ò	6.36	-		91.6
4 L D	0E 2 1/2		J	₹	54°C	2	S	·Ω	æ	-	62.2	3	(پ	~	69.5	~	3	-	•	4.67	6	3	-	í,	3.58	3	*	ŝ	9	48.8	20	\$	8 - 38
\$1.0	, , , , , , , , , , , , , , , , , , ,	5 J •	• ±	3	54.0	٠ د	2.	œ	œ	-	62.2	÷	•		5 • 69	•	•	7	80	3.61	•	ė	Ö	-	9.28	3.	4	5	9	7.	7	87.7	87.7
E E Z	و	5.0 • Li	•	•	53.2	•	•				61.3		S	9	68.5	Э	m	ء ۔	~	8. 77	30	30	~	O	81 • J	~	~-	Ň	•	•	3		84
0 T • W •	, , , , , , , , , , , , , , , , , , ,	4.6.4	2	2.	52.7	*	• #	7	7	6	60.5	5.	• 3	S	67.4	80	:	3	9	76.2	•	7 •	٠,	8	78.7	6	6	•	ċ	Ġ		81.1	81.1
000	() E	9 • 6	-		51.7	2	ň	5	Š	æ	1.63	-	ry.	~	65.6	9	œ		m	73.1	m	3.	T	4	75.2	2.	ŝ	٠	Ġ	•	7.	77.3	77.3
X	5t 10	41.5	3	3	44.5	Š	٠.		7	ċ	50.5	:			54.8	⊌∩	9	6	Ċ	0.09	Ġ	ć	Ö		60.6	-		•		-	ij	•	61.3
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TOTAL NUMBER OF OBSERVATIONS:

PLACENTAGE FREUDLACY OF OCCLARENCE OF CELLING VERSUS VISIFILITY FROM HOUGHY OBSERVATIONS

SESSAL CLIMATOLOUY BRANCH USAFETAC AID WEATHER SERVICEZMAC

	99		52.7	7		6	59.7	1		S.	8	71.0	2	•	æ	:	-	85.4	•	84.3	Š	ŝ	•	ů.	•	-	3	96.5
190-0000	GE 174	49.	52.7	~:	· ·	o.	59.7	• •		œ	æ	71.0	5	•	æ	_;	:	82.2	Ô	84.2	j	Š.	ġ	8	6	:	3	96.3
6 ST1:	GE 57.1	9.64	52.7	~ :		6	59.7	, ,	• •	• 30	•	71.0	٠,	•	å	ċ	:	82.0	•	84.1	•	Š	و	80	o.	-	3	95.9
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TOTAL NUMBER OF OBSERVATIONS:

FERGLAIFSE FREGUENCY OF GCCLRPENCE OF CEILING VERSUS VISIBILITY FROM HOUFLY OBSERVATIONS GLOGAL CLIMATOLOGY GRANCH USAFETAC AIR WEATHER SERVICEZMAC

PEPIOD OF RECORD: 77-86 OT IS ANUB MA STATION NAME: STATION NUMBER: 725060

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87.6 64.3 66.8 67.8 70.3 72.8 82.3 84.9 85.9 86.8 92.6 95.5 97.2 46.9449.1 56.8 57.3 66.8 61.9 56.1 52.3 89.1 49.1 82.1 VISIGILITY IN STATUTE MILLS GE GE GE GE GE GE HOURS(LST): 0600-0800 87.3 88.8 67.6 72.6 77.5 81.8 82.0 84.6 85.6 85.9 90.4 92.2 95.2 96.9 98.0 48.7 48.9 48.9 01.7 46.4 6E 1/4 66.5 67.5 70.0 77.4 81.7 81.9 83.4 85.5 85.8 95.0 0.79 56.5 56.9 60.5 61.6 63.9 72.4 86.3 52.0 92.1 56.5 56.9 60.5 66.5 67.5 70.0 81.9 83.4884.5 86.3 87.2 88.7 93.3 92.1 95.3 10.64 85.5 6E 1/2 48.5 61.6 72.4 81.7 9.96 0.16 48.8 52.0 48.5 1.64 56.5 56.9 66.5 67.5 70.0 72.4 81.9 85.5 85.8 86.3 87.2 88.7 90.3 0.96 5/8 48.8 52.0 60.5 61.6 84.5 94.6 96.2 MONTH: OCT 1/6 48.8 56.5 66.5 67.5 70.0 72.4 61.9 85°5 85°8 88.7 90.3 92.1 94.8 8.56 48.8 40.7 60.5 61.6 81.7 43.4 86.3 5 ° 46 6.46 48.4 56.4 56.8 66.4 67.4 69.9 85.4 0.44 49.6 4.09 61.5 63.8 72.3 81.6 81.6 83.3 84.4 36.2 87.1 88.4 96.C 91.E **************** 56.4 56.8 4.09 66.4 c7.4 59.9 77.3 61.6 81.8 83.3 0.11 48.4 9.64 61.5 72.3 85.4 85.7 86.1 86.8 87.9 89.5 91.3 93.4 93.9 1 1/4 93.9 77.3 86.98 0. 44 46 .4 48 .7 49.6 51.9 56 .4 56 .4 6U .4 61 .5 63 .8 60 .4 67 .4 69 .9 72.3 83 .8 83 .3 84 .4 85 •4 85 •7 93.1 1 172 86.1 49.5 66.3 67.3 69.6 81.4 82.9 84.0 64.8 85.1 87.1 89.7 (1 43.9 56.3 61.4 72.1 3.60 40136 4.06 60.3 4.06 75.8 79.9 86.1 91.6 6E 2 1/2 18.7 30 S 73.5 83.5 83.9 9.48 47.5 8.1. 59.4 66.3 65.3 66.3 87.5 5i.9 84.2 68.7 87.1 : 47.3 48.150.4 54.9 58.8 60.0 62.3 64.8 65.9 68.1 73.5 75.2 19.3 30.5 83.5 65. I 85. 6 85. 9 6.50 61.6 45.0 94. 9 5 30 54 .0 54 .0 57 .9 58 .7 81.5 63.5 64.5 66.6 68.9 73.5 77.1 77.2 78.4 79.4 79.0 8c.1 8c.3 8c.6 91.4 81.7 81.5 81.0 46.57 46.7 46.7 47.4 S. OBSERVATIONS: 52.4 61.c 62.t 64.c 3 · 99 74.6 74.1 75.7 77.3 77.7 3.87 78.E 78.E 45.4 45.0 45.6 46.1 56.2 57.4 59.4 76.4 77.5 78.5 7 8 . L 9 :::: 59.7 61.8 64.0 66.3 71.7 73.6 74.3 5.41 5.42 43.9 56.4 53.6 54.6 71.6 74.1 6.47 5.47 9 E NUMPER OF 3E 10 60.8 60.9 01.0 61.0 500.00 500.00 500.00 500.00 57.5 59.8 £0.4 60.0 6**1.** 61.€ 01.0 37.1 37.4 37.4 37.7 45.5 51.0 61.C 46.4 CEILING 140001 120001 3500 l 3000 l 25001 26001 18001 15001 <u>__</u> 100001 90001 80001 10004 1000001 181001 161001 10007 10001 9001 8001 7001 6001 1001 2001 2001 1001 NO CEIL FELT TOTAL ر د ر ليانيا 3.0 لىدالغانىيا زىرى ה ה ה ה ה .1 (J 3 3 5 5 6 6 6 6 6 ند س د سا د . J (1)

PERCENTAGE FREQUENCY OF COCURPENCE OF CELLING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

ULDBAL CLIMATCLOGY ERANCH UPAFETAC AIR WEATHER SERVICEZMAC

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S GE 3/4	6.94	c	50.0 0.0 0.0	.		2•	÷	αc	ά	-	62.7	~		•	• •	, -	75.7	αr	ċ	81.1	M	2.	9	ė	88.2	ċ	ë	~	ġ		α;	7.86	
TE MILE GE 1	46.9	c	900	• .	-	5	÷	œ	œ	-	62.7	~	1.5		e d	, ,	75.7	φ φ	ċ	81.1	m	5.	•	9	98 • 1	Ġ	0.	~	\$	9	,	9.10	
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1LI TY I 6 E 1 1 /2	6.94	C	o c ⊃ -	٠.	-	N	3	70	œ	_	62.7	M	u	۱ () a	, -	75.7	20	Ф	81.1	M	S	•	9	88.1	ō	0	~	Ś	9	٥	9.96	
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TOTAL NUMBER OF OBSERVATIONS:

THE LEGISTER PRODUCT OF UCCONFINCE OF COLLING VERSUS VISIBILITY FROM FROM TOWN

STOCK SELVATALION ALAURA SARLING AIR MEATHER SERVICEZMAC

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PERIOD OF RECORD: 77-86 STATION NUMBER: 725060 STATION NAME: OT IS ANCE MA

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CLUTAL CLIMAL LOCK PRANCH CNAFLIAC AIR MEATHER SERVICE/MAC

PERCENTIAL PREQUENCY OF COURBEINE OF CETLING VINSON VILLETTERS.

STATION NUMBER: 725067 STATION NAME: OTTS ANCH HA

PETIOD OF FECOND: 77-86 MONIH: OCT HOURSELSTI: 15UC-17UC

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Total NUMPER OF USSERVATION

OF THE TATE OF THE PROPERTY OF

PEPIOD OF RECORD: 77-86	MONTH: OCT HOURS (LST): 2130-2350
STATION NUMBER: 705000 STATION NAME: OTIS ANGRIMA	

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PERCENTAGE FREGUENCY OF UCCERPEACE OF CRILING VERSUS VISIMILITY FROMESTRANDIONS CLUCAL CLIMATICUON CHANCO CSAFETAC ATP CEATHER SERVICE/MAC

STATION NUMBER: 725060 STATION NAME: 0115 ANGE MA

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9 10	65.3	79.2	82.5	95.5	89.1	90.5	95.8	3. 46	0.5	96.2	96.8	6.96	91.9	98.1	1.65	100.0

PENCENTAGE FREGUENCY OF OCCLAPENCE OF CEILING VERSUS VISIPILITY FINDE FROM HOUNEY OBSERVATIONS

ULUBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICEZMAC

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L	6	67.7	4.62	82.2	85.3	a C	91.7	63.5		3	94.6	9.0	9.50	97.1	97.6	£ 65	11.00

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PERCENTAGE FREGUE OF OUR LENEAUL OF CITETION FRAUS VISIFICITY FACE MEMORING OBSERVATIONS

LIBERT CLIMATOLOGY EMANTH STAFFITAC AIM MLATHEN SERVICEZMAC

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TUTAL NUMBER OF ORSERVATIONS:

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ALL WEATHER SERVACE INAC

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NOTE OF THE PROPERTY.

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ANCE 01.15 STATION NAMES TATION NUMBER: 725000

VISIBILITY IN STATUTE MILES

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PROCESSAGE FREGUENCY OF OCCUPENCE OF CFICING VERSUS VISIBILITY PROCESSIVATIONS JI. AL CLIMAINLOUY HANGE UJAKETAL AIK MEATHEN SERVICEZMAC

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POSCIPTAGE FREGUENCY OF OCCUMPLICE OF CFILING VERSUS VISICILLY FOR PRATICUS OLGAR CLIMATCLOGY ENANGH USAFLTAC AIM WEATHER SERVICEZMAC

AIR MEATHER SERVICE/FAC STATION NUMBER: 725060 STATION NAME: OTIS ANGE MA

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OLGGAL CLIMATOLOGY RANCH CLAFETAC A IR MEATHER SERVICEZMAC

PERCENTAGE FREQUENCY OF COCCEMPLACE OF CFILLING VERSUS VISIBILITY FROM HOUSERVATIONS

PEPIDO OF RECORD: 77-86 STATION NUMBER: 725060 STATION NAME: OTIS ANCH MA

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TOTAL NUMMER OF OBSERVATIONS: "NUC

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PERCENTAGE FREQUENCY OF OCCLRRENCE OF CEILING VFRSUS VISIBILITY FROM HOUGLY OBSERVATIONS

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SLEGAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

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TOTAL NUMER OF URSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHEN SERVICE/MAC

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TOTAL NUMBER OF GRSERVATIONS: 7199

PERCENTAGE FREGUENCY OF OCCURPENCE OF CELLING VERSUS VISIBILITY FROM HOUFLY OBSERVATIONS

ULUGAL CLIMATOLOGY HEARCH USAFLTAC AIR MEATHER SERVICE/MAC

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PERCENTACE FRECUENCY OF OCCUMPENCE OF CFILING VERSUS VISIBILITY FROM HOUSEY OBSERVATIONS

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PLACENTAGE FREGUENCY OF OCCUMPLING OF CFILING VERSUS VISIBILITY FROM HOUFLY OBSLINVATIONS

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E 45.01 55.3 62.6 64.6 64.2 65.2 67.4 66.8 67.1 67.6 67.8 67.8 66.0 68.0 68.0 68.0 68.1 66.1 70.1 70.1 70.1 70.1 70.1 70.1 70.1 70	E SCC	÷	-	*1	•	S.	÷	•	9	9	٦.	7		~		~	7
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L 3500 57-7 65.5 67.4 68.7 70.1 70.4 70.9 71.1 71.2 71.3 71.3 71.4 71.5 71.5 71.5 71.5 71.5 71.5 71.5 71.4 71.5 71.4 71.5 71	0.3+ 3	9	3	•	7	ď	٠	6	Ġ	Ġ		ċ	ċ	ć	•	Ö	3
E 5001 69.4 67.8 69.4 71.1 72.6 72.9 73.5 73.6 73.8 73.9 74.0 74.0 74.0 74.0 74.1 74.1 74.1 72.6 72.9 73.5 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75	£ 350	7.	5		20	0	ن	ن	-	:	-	•	:		•	-	
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E 9001 63.2 73.4 76.4 76.2 60.4 90.9 61.8 82.1 62.2 92.3 62.4 82.9 63.1 83.1 83.1 83.2 63.2 63.5 E 9001 63.3 74.1 76.2 76.2 61.9 82.9 82.9 83.0 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.2 63.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.1 84.3 <td>1200</td> <td>62.</td> <td>~</td> <td>ů,</td> <td></td> <td>œ.</td> <td>·</td> <td>С</td> <td></td> <td><u>.</u></td> <td></td> <td><u>:</u></td> <td>:</td> <td></td> <td>.</td> <td>.</td> <td>-</td>	1200	62.	~	ů,		œ.	·	С		<u>.</u>		<u>:</u>	:		.	.	-
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£ 7500 63.7 75.0 78.1 80.4 83.6 84.8 85.3 85.4 85.6 85.7 85.7 85.7 85.7 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85.8 87.3 87	£ 800	6.3		7.	6		2	M	, ,	÷	ъ.	÷	4	4	÷	÷	3
E 600 63.7 75.3 78.6 81.1 83.9 44.7 66.1 86.7 46.8 87.1 87.2 87.2 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3	130	63.	5.	80	C)	m	3	4	ις.	و دي	5	ŝ	5	5.	5	\$	ŝ
E 5001 63.9 75.6 79.2 82.6 85.3 86.2 68.0 88.9 89.1 89.4 89.6 89.6 89.7 89.7 89.8 89.8 E 4001 63.9 75.8 79.6 82.6 86.3 87.4 89.6 90.9 91.1 91.7 91.9 91.9 92.1 92.1 92.2 92.2 92.2 10.0 63.9 79.7 82.9 67.6 82.6 90.7 92.5 92.8 93.7 94.1 94.2 94.5 94.5 94.6 94.6 94.6 5.0 95.7 95.8 75.9 79.8 82.9 87.1 88.5 91.2 93.3 93.6 95.0 95.7 95.8 96.5 96.6 97.0 97.0 67.0 10.1 63.9 75.9 79.6 83.0 87.2 88.5 91.3 93.4 93.8 95.4 96.3 96.4 97.5 97.7 98.7 99.0 100.	£ 600	63.	ភ	œ	-	*	÷.	9	9	• 9	7	۲.	7.	۲.	7	7.	7.
E 400 67.9 75.8 79.6 82.6 86.3 87.4 89.6 90.9 91.1 91.7 91.9 92.1 92.1 92.2 92.2 92.2 5.0 1 67.9 75.9 79.7 82.9 67.0 92.5 92.8 93.7 94.1 94.2 94.5 94.5 94.6 94.6 94.0 67.0 100 100 100 100 100 100 100 100 100 1	500	٠3.	ر. در	6	٠ ()	5	ç	œ	mo mo	6	6	ō	6	6	•	6	·
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E 2001 63.9 75.9 79.8 83.0 87.1 88.5 91.2 93.3 93.6 95.0 95.7 95.8 96.5 96.6 97.0 97.0 97.0 E 1001 63.9 75.9 79.6 83.0 87.2 88.5 91.3 93.4 93.8 95.4 96.3 96.4 97.5 97.7 98.7 99.0 100.	300	63.	Š	6	<i>v</i>		ند	C	L1	2	8	5	, T		•	3	4
E 1001 63.9 75.9 79.6 83.0 87.2 88.5 91.3 93.4 93.8 95.4 96.3 96.4 97.5 97.7 98.7 99. E nt 5.9 75.9 75.6 83.0 87.2 88.5 91.3 93.4 93.8 95.4 96.3 96.4 97.6 97.8 99.0 100.	200	£ 3.	Š	•	^1	7	э Э	-	در •	· ~	5	٦,	Š	9		7	7.
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TOTAL NUMBER OF OBSERVATIONS: 87571

ULUGAL GLIMATOLOGY PRANCH USAFLTAG AIN MEATHER SFHVICE/MAC

PIRCENTABLE FREQUENCY OF BECURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MONTH: JAN

AN MINOS D. 226060 CTATIO, MARIE OF E AND

STATION NUMBER: 725060 STATION NAME: OTIS ANGR MA

905 TOTAL OBS **3**0.6 906 910 913 912 7273 911 911 5.3 ME AN 5.4 6.5 8.9 6.8 6.7 5.8 5.4 10 37.2 40.7 41.6 41.4 41.3 39.8 39.3 37.4 39.8 9 15.3 8.4 18.1 20.0 20.4 11.3 PERCENTAGE FREGUENCY OF TENTHS OF TOTAL SKY COVER 21.2 11.2 œ • 3 18.7 54.5 27.4 22.0 24.6 26.1 25.1 27.7 36.7 2 5.6 22.0 20.3 30.4 15.2 12.4 11.1 59.4 HOUOS | 1 80-90 - 20-07 1 3-0-87 C9-11 | 12-14 15-17 18-20 21-23 TOTALS |

77-86	
ORD:	HONTH: FEE
STATION NUMBER: 725363 STATION NAME: OTIS ANGR MA	

PERCENTAGE FREDUENCY OF TENTHS OF TOTAL SKY COVER	:	•			PERCENTAGE FRESHENCY OF TENTHS OF TOTAL SKY COMER	N JEROLEN	CY OF TE	NTHY OF	TOTALS	KY COVER				
HOURS (LST)	HOURS	C	-	61	*	: 	· ·		,	, co	Φ	10	ME AN	101AL 06S
1 20-00	ua-02 l	37.4	37.4	•	* * * * * * * * * * * * * * * * * * *	•	•		•		10.5	• 1	5.2	828
23-65	1 50	36.05			13.6						9.0	41.4	7.5	822
85-93	 &	16.3		-	24.0						17.0	40.7	6.3	825
-63	1 11-63	13.4			28.1						19.5	39.1	6 • 5	827
12-	12-14	12.7			26.6						20.4	40.7	1.9	878
15-	15-17	15.7			24.1						19.0	41.2	9•9	8 2 7
18-	18-20	24.1			20.7						16.3	38.9	0 • 9	8 50
-13	21-23	33.1			17.4						12.0	37.5	5 • 4	826
TOTA	TOTALS	23.6			20.9						15.5	39.8	6.0	6613

POSCENTAGE FAR CENCY OF OCCURRENCE OF SKY COVER FOR HEURLY COSERVATIONS ULUCAL CLIMATOLUGY SHAGOS USAFLTAC AIX ALATHEN SPRYICLZMAC

PEPIOD OF RECORD: MONIH: MAR JIATION NUMBER: 725050 STATION NAME: OFTS ANDE MA

ı

77-86

901 TOTAL OBS 468 606 911 918 916 976 916 7282 5.7 9.9 9.9 9.9 5.7 6.2 MEAN 5. 8 9.9 6.2 42.7 6.04 38.9 39.8 42.6 45.6 46.1 4 3 . 4 43.4 10 PERGENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 5.6 10.0 17.4 18.8 20.5 19.8 16.5 4.6 15.3 ٥ 23.6 16.9 26.5 27.6 34.6 34.6 27.5 16.5 1.62 15.3 13.4 13.1 13.2 18.7 29.5 50.4 U-02 1 HOURS | 06-08 TOTALS | 1 40-27 09-11 1 1 41-21 1 21-27 1 02-61 21-23 1

		101AL 065
	PERCENTAGE FREGULNCY OF TENTHS OF TOTAL SKY COVER	TOTAL 2 3 4 6 6 7 8 9 10 MEAN ODS
77-86		10
) RD :	•	0
PERIOD OF RECORD: MONTH: APR	KY COVER	ω
PERI	101AL SI	7
	ENTHS OF	6
	ICY OF T	
	FREGULA	3
OTIS ANGE MA	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	m
	•	2
ATION NAME		-
50 57,	•	C
STATION NUMBER: 725000 STATION NAME:		Hours 1 2 1 2
STATIC		•

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			۵.	PERCENTAGE FREGUENCY OF TENTHS OF TOTAL SKY COVER	PREDUL	NCY OF 1	ENTHS OF	TOTAL SI	KY COVER				
HOURS (LST)	C :	~	2	~1	\$	ď	9	7	ω	ø	10	ME AN	TOTAL Obs
1 20-01	29.5	16.5	:	16.5	:					12.3		5.8	889
1 50-10	© • •			20.3						13.5	41.3	5.9	892
1 60-97	16.4			21.1						21.1	39.4	6.5	876
1 11-62	12.4			20.5						23.2	37.9	6.7	8 8 9
12-14 1	13.6			24.3						21.0	41.1	6.1	689
15-17	12.5			25.7						19.2	42.6	6.8	C 6 8
19-20 1	15.9			23.8						17.6	42.7	9.9	768
.1-23 1	27.5			17.5						14.1	40.5	5.5	69.5
TOTALS 1	19.4			() () ()						17.8	40.9	9	71111

ULUBAL CLIMATOLOBY BRANCH BSAFETAC AIR AFATHER SERVICE/MAC

FINCLNIAGE FALUENCY OF DECURPENCE OF SKY COVER FROM HOURLY OBSERVATIONS

77-80

PERIOD OF RECORD: MONTH: MAY

STATION NUMBER: 725060 STATION NAME: OTIS ANGE MA

HOURS	C .	-	ر.	٠	3	u^	3 4 7 6	7	7	œ	0 1	MEAN	TOTAL OBS
29-30	23.2			17.4						13.2	46.2	6.3	916
1 50-80	15.9			4.05						15.2	0.84	o •	917
1 86-93	12.1			21.7						22.1	7 - 4 4	7.1	616
0.9-11	10.3			21.17						25.3	38 • C	5.9	923
1-61-21	0.6			56.5						29.1	35.1	5•9	912
1 2-11	7.6									27.3	34.5	•	916
1 02-61	.s. • •0			4.62						21.9	5.65	φ •	616
1 82-17	16.7			T • 32						14.5	43.7	4.9	911
TOTALS !	13.2			34.6						21.0	41.2	.0	7333

YOU THE WORLD	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	TOL
	PERCENTAGE FREQUE	
		- Sanoh

1 Sanon			-	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	FREDUCE		ENTHS OF	TOTAL SP	¥∃A02 ¥3				101
(1.57)	Ċ?	-	c ₂	1 4	ŧ	ŭ	ð	7	æ	¢	13	MEAN	065
• (Q) • (D)	25.5	•	:	22.7		•	•	•	•	10.5	41.3	3.5	865
1 30-80	17.7			.3 .3 (1						13.9	43.5	6.3	812
C6-08	16.0			27.0						17.0	39.1	6.3	809
03-11	13.7			# . 6.7						21.3	35.6	4.0	868
1-51-21	8.5			6 • 77						24.1	34.9	9•9	869
15-17 1	3			33.1						27.3	31.3	9.9	873
18-20	7.3			3 4 €						25.4	2 · h2	9.9	268
1 22-13	17.0			7.						14.8	37.5	6.0	380
TOTALS	14.4									19.1	17.2	6 • 3	6968

OLIGAL GLIMA) LOGY MARNON OLAFLIAC AIR ALATHEN SERVICEZMAG

PERCENTAGE FREQUENCY OF OCCURPENCE OF SMY COVER FROM HOUSEY OBSERVATIONS

77-86

PERIOD OF RECORD:

STATION NUMBER: 725000 STATION NAME: OTTS ANDE MA

860 TOTAL OBS 888 7022 8 6 4 8 8 8 851 881 8 & 8 802 5.9 ME AN 6.7 6.5 9.9 4.9 6.3 9.6 6.1 4.9 39.6 42.8 36.4 30.8 28.3 23.9 33.5 29.5 10.4 10 PERCENIAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 14.5 15.7 25.6 27.3 29.0 30.2 29.3 17.9 23.7 œ MONTH: JUL 7.5T œ 26.8 32.1 37.7 38.6 34.7 1.52 3L • 4 2002 ,...................... 0.26.4 16.5 11.3 8 . 6 5.1 ر د ع 6.9 17.5 12.5 TOTALS ! HOURS | 06-08 111-07 10-14 | 02-03 21-23 3-05 15-17 14-20

77-86 PERIOD OF RECORD: MONTH: AUG STATION NUMBER: 725060 STATION NAME: OTIS ANDR MA

•	TOTAL 065	698	874	908	168	895	806	0 0 1	878	1092
•	ME AN	6.2	6.7	7.1	5.	6.9	7.0	7.1	6.2	9 •
	10	40.4	40.7	41.5	35.9	33.7	33.3	36.3	34.2	37.6
	٥	16.1	15.6	24.5	26.0	27.7	3 :⊇ × :	37.6	21.3	23.1
COVER	; ; ; ; ;	•								
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	7									
SNTHS OF	L 9									
1										
NECTOR N	; ; ; ; ; ;	•			. 1					د. •
TRCENTAGE	3	25.7	22.3	24.5	36.7	35.3	32.7	31.6	h•62	11.85
	. 2									
•	-									
•	Ć)	16.9	15.4	6.6	7 • 4	3.2	3.6	ហ ÷	15.1	۲ ۵
	HOURS	-0-07	1 80-80	1 80-97	C2-11	12-14	15-17	18-20	1-23 1	TOTALS 1 9.8 6.8 7092

OLDBAL CLIMATOLOUY GERNCH OSAFETAC AIR mEATHER SFRVICE/MAC

FRESHMINGE FREGUENCY OF UCCHARGACE OF SKY COVER

PERIOD OF RECORD: MONTH: SEP STATION NUMBER: 725060 STATION NAME: OT 15 ANGF MA

17-86

HOURS													TOT
(151)	ęs.	1	()		3	ر.	٤	7	æ	•		MEAN	065
70-07	30.5	30.5	•		•	:	•		•	11.2	37.0		. EC 7 CC
1 50-20	54.4			9.45						15.0	34.9	2.1	859
1 80-93	15.3			33.6						25.3	30.8	3	863
(.9-11	10.9			54.7						23.7	30.6	6.2	8 6 1
12-14 1	0.0			\$E.4						25.4	29.5	9	_
15-17	3.01			9•33						2.62	28.3	‡ 0	874
18-20	13.4			33.6						23.1	\$0.3	6.1	974
1 82-12	25.2			78.0						16.3	₹0.8	3.4	857
TOTALS	10.4			\$ o						21.5	31.5	6.0	6930

PERIOD OF PECORD: 77-86 MONTH: OCT	••••••••••••••••••••••••••••••••••••••
STATION NUMBER: 725669 STATION NAME: OF IS ANCE MA	

	065	841	7 0	911	6.1 6	916	816	911	9	1255
PENCENTAGE ENEQUENCY OF TENTHS OF TOTAL SKY COVER	* E AN		ŋ• 9	9.0	\$ • \$	9	3	.; •	5.7	21.0 84.8 6.0 7256
	13	47.3	36.5	35.2	15.1	3 5 6.	13.6	75.1	35.3	\$ • • \$
	σ	16.7	18.7	25.1	1.53	o. • €	23.5	17.3	16.6	21.0
CY COVER	æ	•								
TOTAL SM	7									
ATHS OF	•									
PENCENTAUF FAR JUENCY OF TENTHS OF TOTAL SKY COVER		7-5-5								
FAEGUEN	3									
ACENTAGE	K 1	26+7	34.6	2 • E /4	11.5	3 • 8 2	\$ • 0 %	.1.	3	25.
ī										
	1									
	۲. ا	25.4	22.3	11.0	10.3	7.6	8.0	10.0	25.0	16.1
		_	1 50-20	re-€8 +	1 11-69	1-51-21	15-17 1	19-50-1	1-23	TOTALS 16.1
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PEUTOD OF PECOPUS MONTHS NOV STATION SUMPLES 175010 STATES WAYED STIS WHO MA

17-80

8 6 1 131AL 085 601 1011 80 80 80 ر. خ 00 N 8 S 805 865 3 6 4.5 ۲. 7 . 1 \$ • a ٠, د ٠ HE AN ر. د ر ه• بر د £3.0 41.5 40.0 41.8 42.8 4.2.4 37.0 3.15 7 . ## FE-CERTAGE FREGERICE OF TEATHS OF TOTAL SAY LOVER 11.5 15.4 15.3 16.0 11.7 50.5 2.5.1 25.4 1.5: 10.1 E); `` 3.4 4.5. 3 , 15.t ٠ ٠ ٠ შ• ჰ 11. 15.7 ... χ. . 4 - 72 υ. 24.0 113061 TUTALS 1 1 25-21 11-23 1 1-50-57 12-14 1 27-37 1 11-63 1 21-41

PEDIOU OF ALCOPD: MONIH: DEC OTIS ANGE MA STATION NUMBER: 725060 STATION NAME: :

77-80

10.2 42.5 6.4 72.46

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14. 46	1 17			•••••••••••••••••••••••••••••••••••••••		₹	065
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PERIOD OF PLEOFD: 42-44, 46-86

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PEPIOD OF FECORD: 42-44, 48-86

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NOTES # (BASED ON LESS THAN FULL MONTHS)
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FEP105 OF PECORD: 42-44, 48-36

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(AT LEAST ONE DAY LESS THAN 24 05S)

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MEANS AND STANDARD DEVIATIONS

PEP100 OF PECORD: 77-86

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	• 4 4 5 • 1 4 5 • 1 5 • 1 7 • 1 7	• • • • •	• • •	4I 9 6 .744 903	50.7 50.7 640 930	£ 391	5 6 6 6 7 7 8 8 8 9 9 9 9 9 9 9	506 597 9	68.2 8.009 851	49.7 49.7 8.660 930	43.5 9.118 891	10 - 15 5 97 6	46.5 15.225 15831
	• 20 CC	• (1 •	• • M) M) • D M) O		6.64.5 03.0	62.5 5.596 900	9 + 29 + 20 + 20 + 20 + 20 + 20 + 20 + 2	67.3 5.968 908	60.5 7.601 847		43.6 9.179 839	34.4 16.401 913	16.343 10642
	• J J J J	* (1 M %)	40.4 6.399 929	49.0 7.576	2.6 2.6 3.6 3.6	68.0 7.025 900	74 - 2 6 - 17 & 9 5 L	72.6 6.294 907	66.7 7.265 844	56.0 7.169 933	• • 🗅 ∞	27.8 9.57e 923	53.1 16.945 10852
141 SP 1	9 C W	•ជាជាខ	- C T	21 - 7 2 - 12 6 4 8 9 9 9	62.0 1.997 929	006	76 - 46 - 46 - 46 - 46 - 46 - 46 - 46 -	74.9 6.575 904	58 9 7.628 847	56.9 7.328 930	• • • • •	8	55.5 16.677 10846
46AN 15-17 SD 101 CFS	4.134	35.8 3.0.18 0.40	42.6 7.737 933	50.7 7.49.2 97.0	60.5 7.457 930	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	75.5 6.026 930	73.8 6.139 906	67.3 7.016 853	57.3 7.017 930	48.7 7.629 890	39.5 8.612 922	54.4 16.169 16861
• J V 1-	626 399.6 4-08	• 1/1 mm 12"			55.9 5.371 929	• • • • • • • • • • • • • • • • • • •	76.8 5.125 929	69.5 5.612 900	62.7 6.026 6.55	5	45.7 7.818 891	26.0 9.287 918	50.7 15.415 10850
31 SP 1	29.0 10.412 927	31.6 8.779 8.37	526 857 857 857 857 857	0	53.0 6.119 929	• 6 6 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	67.4 4.750 928	66.7 308.2 906	60.4 7.144 857	51.4 8.285 930	8 4 32 8 32 8 31	35.9 9.723 914	15.002 10847
MEAN ALL SD HOURS TOT 0:55	29.7 10.555 7395	31.9 9.501 6.734	8 . 3 9 4 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3 .	46.0 7.751 7100	56.0 8.071	64.0 7.414	70.4	69.4 7.130	63.0		0 4 8 4 7 8 7	26.0 9.785	50.5

GLÜBAL CLIMATOLGGY GRANCH
USAFETAC
AIN GFATHER SERVICEZMAC

*IT-BULG TUMPERATURES SEC F FROM HOUPLY OBSEPVATIONS

PEP100 OF RECOPD: 77-86

REANS AND STANDARD DEVLATIONS

STATION NUMBER: 725060 STATION NAME: OTIS ANGE MA

HOURS STATS		3. 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.		e dh	Α	אינו מינו	JUL	AUG	d 33	00.1	NON.	PEC	
00-02 SD	25.3	• (4)	20 50 6 9 5 6 6 9 5 6 6 9 5 6 6 9 5 6 6 9 5 6 6 9 5 6 6 9 5 6 6 6 6	7.026			63.2 5.902 93ü	63.1 6.663 832	56.4 8.307 741	47.7 9.094 637	40.6 9.589 818	32.1 10.285 896	44.3 15.488 10382
3-251 SE 1101 0°S	====	25 10.2 8	32 U 8 to 16 904	0.16 0.16 0.16	48.3 7.422 930	55.9 5.876 894	62.5 6.234 930	62.5 6.928 831	55.8 8.539 738	46.9 9.091 837	40.3 9.796 816	31.6 10.362 888	43.7 15.015 10368
LE-OB ST CAS	11.	10 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	32.5 8.894 902	46.6 7.191 900	50.9 6.998 930	58.5 5.529 895	64.5 5.060 930	64.2 6.343 831	57.5 7.976 733	47.9 8.824 836	40.7 9.821 816	31.5 36.547 894	44.6 16.284 10378
"EA; 50 101 CES	26. 10.63	رم درم درم	2 2 2 3 4 3 5 5 5 5 5 5 5 7 5 7 5 7 5 7 5 7 5 7 5	43.57 43.77 89.8	53.6 7.422 928	8 - 3 - 3 8 - 3 - 3 9 - 3	60.5 5.782 930	6.144 830	60.4 7.123 737	51.2 8.500 837	43.7 9.256 822	34.0 9.891 905	47.5 15.922 10403
MEAL 2-14 SC TOT 0°S	29 °C 9 • 7 1 3	20	37 • 1 8 • 112 902	968 944 944	54 • 6 7 • 4 3 6 9 2 6	61.6 6.105 900	67 4 5 853 930	67.1 6.213 827	61-1 7-138 740	52.1 7.832 837	44.7 8.781 620	25.3 9.214 905	46.7 15.381 10407
15-17 SD 1701 OFS		Δ.	70 8 7 594 906	14 C 6 5 9 6 6 5 9 8 8 8 8	53.7 7.140 930	61.0 5.856 900	66.9 5.651 930	66.7 5.984 828	60.3 6.979 744	51.3 7.821 837	43.4 4.371 823	34.5 9.052 906	48.1 15.147 10429
1 46AN 1 3-2 0 SC 1 TOT GES	27.	3 0	34 • 7 7 • 509 904	42 - 1 6 - 3 3 5 9 0 0	51.5 6.775 929	59.1 5.459 899	65.3 8.359 928	65.1 6.032 828	58.4 7.090 744	8.439 8337	41.6 8.712 822	23.0 9.756 902	46.3 15.199 16404
1 HEAN 21-231 SB 1101 GPS		9.2	33 • 6 7 • 7 C4 7 • 9 0 S	8 - 3 2 - 3 2 - 3 2 - 5 2 - 5	50.0 6.759 929	5.45 8.93 8.93	64.1 5.658 926	63.9 63.9 828	57.2 7.70U 746	3 . 42 . 3 8 . 37 . 3	40.8 9.220 822	32 4 10 184 899	45.1 15.308 10392
ALL I SO HOURS ITOT GE	1 26.5 1 10.609 51 7184	28-3 9-632 6513	74 • 4 6 • 390 7271	41.0 7.249 7191	51.4 7.460 7432	58.9 6.090 7175	65.0 5.998 7434	64.9 6.541 6641	58.4 7.643 5923	49.3 8.715 6695	42.0 9.338 6559	33.1 10.005 7195	46.1 15.643 83163

SECTION OF STANCH USAFETAC USAFETAC AIR AFATHER SERVICEZMAC

UEW-POINT TEMPERATURES DES EFROM HOUPLY OBSERVATIONS

PERIOD OF RECORD: 77-86

MEANS AND STANDARD DEVIATIONS

STATION NUMPER: 725063 STATION NAME: OT IS ANCE MA

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St. 101	17.C 15.U76 887	19.00 14.40 8.14	26.2 12.746 903	35.4 9.783 9.00	46.2 8.896 930	54.3 6.919 894	61.3 7.143 930	61.6 7.45e 832	54.2 9.472 741	44.5 10.999	36.1 12.425 818	25.8 14.030 896	40.1 18.861 10.382
46.Au Sp. 1	16.6 15.211 887	14 . 5 . 8	75.8 12.943 904	900 900 900 900 900 900 900	45.9 9.037 930	53.8 7.121 894	66.7 7.455 930	61.1 7.691 831	53.6 9.659 738	43.9 10.791 837	36.0 12.420 816	25.5 13.767 888	39.6 18.894 16368
NEAN S.C. 101 085	16.3 15.50¢ 897	18 - 1 14 - 5 96 8 14	36.2 13.035 902	35.5 10.310 900	47.3 9.291 930	55.3 7.190 895	61.9 7.099 930	62.2 7.335 831	55.2 9.112 733	4. 06 83	36.6 12.317 816	• • • •	46.3 19.356 10378
N E	18.2 15.048 901	20.00 14.348 8.14	26.9 13.278 895	35.4 11.275 896	47 5 10.788 928	55.4 6.271 900	61.7 7.977 930	62.7 7.769 836	55.7 9.081 737	45.8 10.881 837		13.814 905	41.1 19.120 10403
SC 1015	19.5 14.515 903	• O F 0	27.2 12.719 902		47 5 10.864 926		61.9 8.172 930	62.4 5.109 827	55.4 9.298 740	45.8 10.943 837	37.5 12.484 820	26.7 13.689 905	41.2 18.830 10407
MEAN SD TOT CHS	19.2 14.372 907	21.0 13.825 8.0	27-2 12-267 906	35 4 35 4 8 9 8	47.1 10.403 930		61.6 7.977 930	62.3 7.871 828	55.1 9.117 744	• • • • •	36.6 12.080 823	9 6 9 6	40.9 18.681 10429
MEAN SP TOT UES	18.6 14.589 964	27.4 13.9 LS 3.77	27 - 1 12 - 606 904	35.7 10.071 900	47.0 9.287 929	• •) ru ∙o	61.7 7.202 928	62.2 7.422 828	55.2	45.4 10.735 837	• • ~ ~	900	40.8 16.608 10404
MEAN SE SE 1	17.9 14.972 898	12.7 14.041 9.10	27.0 12.163 905	9 9 8 8 8 9 9 9	47.1 6.573 929		61.9 7.641 926	62.1 7.162 828	54.7 8.979 746	44.7 10.861 837	 IO NI 	25.8 14.109 899	
VEAN SD 1	14.945	19.7	76.7 12.651	10.417	0.69.6 0.69.6	55.d 7.525 7.525	61.5	62.1 7.621 664.1		10.869 10.869	36.6 12.35C	13,839	40.5 18.691

PLOSAL CLIMATOLOUY BRANCH
USAFETAC
AIR ALATHER SENVICEZHAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

17-86 PCPIOD OF KECORD: STATION NUMBER: 775067 STATION NAME: OTIS ANCH MA

MONTH! HOURS! HERCENTAGE FREUENCY OF RELATIVE HUMIDITY GREATER THAN | 101AL | NUN 085 867 897 901 933 106 **7**06 887 7184 89€ 65.5 64.3 65.3 64.3 62.5 58.9 59.4 63.1 MONTH: JAN ܕ9 9.9 5.9 4.7 4.7 5.4 5.8 9.4 o. 8 2 3 8 21.5 20.1 17.3 17.4 21.0 19.7 21.3 10.4 58.9 36.8 38.4 33.6 28.7 1.67 37.6 35.4 36.5 66.3 49.5 42.7 46.4 59.1 53.5 76.4 72.4 6C.8 2.49 71.1 72.1 78.1 74.6 4.47 62.3 N. 45 6.56 2.36 0.29 94.1 3.1% 9.68 9.70 40.3 2.66 0 • 4 5 4035 2005 40.0 96.1 >6.E 1.56 1000 166.0 136.0 J•701 ያ ት 64.7 1.6.4 6.56 1000 103.0 100.0 130.0 1.0.0 1.0.1 100.0 100.0 0.001 100.0 TOTALS 03-05 11-60 13-62 36-08 12-14 15-17 16-27 21-23 JAN

OLUCKAL CLIMATOLOGY HAANGA CUMILITIVE PERC USAFITAC FROM MC FROM MC AIR MEATHER SEMVICEZFAC

COMILATIVE PERCENTAGE FRESUENCY OF GCCOPRENCE FROM HOURLY OPSERVATIONS

RELATIVE HUMIDITY

- H	T SANOT THE SOR	HONTH HOUNS FIRST	813		FIRCINTALL F PECULNCY OF PELA	Y OF PEL	ATIVE HU		PELATIVE HUMINITY GREATER THEN		- MEAN	101AL 1
:		777	# 17.7 ***********************************		\$09 \$09 \\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \		6.0		179	1 06	6Ct 9Ct HUMIDITY	40N 080
ft = -		100.0	10.00	5.7.	<i>2</i> 5 € € ₹	19.6		• 3	25.4	بر م	66.3	614
-	33-80	100.0	10.00) • ₀ ,	7 • 2 6	91.1	15.5	x) • 2 *	56.95	r. x	66.7	51.5
		100.0	134.6	a • • • •	94.1	3. 1.	0.20	41.5	23.6	**	66.4	بر 1
	.9-11	300°B	1 :: · · · ·	. ·) ·	65.1	6 • 6 q	a. or or	6.15	17.1	5.3	61.3	814
·	12-14	168.3	0	3 *1 7	9.30	58.7	58.4	4.07	15.2	3.6	57.1	8.2.1
	15-17	100.0	3.	3.55	() () ()	2.63) () 3	α. •	17.0	E.	57.4	123
	15-20	€ GD 2	3.67.4	u 40 55	87.6	71.7	L. *1 *1	\$ \$ 19	19.5	5.5	62.3	103
	- E 7-E C	C	C • C •	1 3 N	50.	76.5	ر د د د د	4.2.6	73.1	3.	59	916
	TOTALS	0.001	6.66		3	72.5	4 . 7 .	5.05	21.5	J.	t C	. 63.

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PELATTUE MUMICITY

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~ 4 1.	30-00	100.0))	i di R	7	7.0	• 000	54.7	37.4	13.7	73.3	
	1 23-65 1	100.3	€ • 1 ° 1	م رد و <u>ل</u>	5.6	43.7	11.7	5 5 5 4	3.5.5	13.9	71.4	4 ⊖
	- 1 e 7 - 9	0.00	17	(·•	7. 3 3.	F 5 . 0	7	51.6	37.5	16.1	73.8	;) b
	1 17-61		(·	0 • 5 A	1.		F • 3 5		23.5	15.4	01.3	3. 1
	12-14	100.0	0	4.01	6.27	C • 45 G	e a n	\$ C • B	17.6	2.9	56.6	6
	15-17	130.3	7	5.6	1::1	ر ا ا ا ا	3 *: 3	4.7.	17.5	5.7	57.6	
	18-5	C 3 7	7 5 . 4	36.2	.0	76.2	ਬ • ਚ ਹ	3	5. 5.	۲.1	ध * * *	476
	1 21-23	100.	5		61.5	1.50	1.60	3 • 5 d	3.0	C • N H	69.8	300
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LUMELATIVE PEPCENTAGE PPECUENCY OF OCCUPRENCE FROM HOURLY UPSERVATIONS OLOBAL CLIMATOLOUY REANCH Coafetac Ain meather offwice/mac

PELATIVE HUMICITY

HIN	MONTH! HOURS	N 1914 HOURS 1816 1817 1817 1817 1818 1			PIRCL NIACL FGLUINCY OF PELATIVE HUMIDITY GREATLY	Y OF REL	ATIVE HU	MIDITY C	CREATED THAN	HER	I MEAN I	TOTAL 1
-		#7E		776	34 404 504 704 804 904		•	702	, ap	3776	HUMIOITY!	000
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	53-50	C.001	1.000	. 377	· ;	5.56	4.83	1.50	r. 8 +	21.2	27.0	106
	41-9J	1,25.0	1. 	4.67	\$ * *	87.1	14. 1	34.00	35.2	18.6	73.1	126
	1 18-50 1	(• U) · · ·	C.	۲ ، ۲ ،		6.7	T • g 7	(A)	a; • €	3. ()	61.1	368
	12-14	()	3	,1.	7.5.2	57.6		1.1.	16.6	ۍ د	51.2	358
	15-17	100.3	3 ?	ु• a ∂	1:.1	9: • (3 ,	31.	13.6	6.	5.65	368
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	27-17	13 13 14	• • • • • • • • • • • • • • • • • • • •	0	1.1 • •/ •/	40.07	31.4	6.5.1	3 • .)	15.5	74.5	5 A B
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ALEATTE PERCENTAGE FERGURALY OF GOLUPHING CLUBAL CLIMAIDLUCY GEAGGE

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	17-86	101	200	93(931	
FELATIVE HUMIDI	FECOPD: 7	PERCENTAGE MEM NEW COLOCK OF PERSTURE HUBIDITY ORFATER THAN NOT COLOCK OF THE PERSON OF THE PE	SON TAREMENTAL NOW TO BE SON TO SON THE SON TO SON THE SON TO SON THE SON TO SON THE S	82.6	83.9	
	PEFIOD OF FECOPS: Month: PAY	I A P	#17.6	20.5	32+3	
리 () 보 () ()		CREATER	Ö	61.	65.1	
75 40 E		FILITY	7.02	± ±	å 6 • 5	,
CONTRACTOR TO THE CONTRACT OF SERVATIONS FOR HEARTY OF SERVATIONS		ATIVE HU	#0.6 #0.8 #0.8 #0.8 #0.8 #0.8 #0.8 #0.8 #0.8	1000 1000 9000 9800 9800 8400 610 2902	130.6 103.7 167.2 99.4 95.9 66.5 65.1 32.3	
CORLY OF	۲ ح	17a 47 A	, C 2	2.00	3 · 3 5	
H A A A A A A A A A A A A A A A A A A A	13. A.C.			0 • • •	167.42	•
4 	STATION VAMES OF IS ANDE MA	L. F. INTREE	• *** • ** • *** •	106.	1.00	•
Ę	3011418	• • •		.,	130	
CLOOME CERTAINED TANALES CLAFETAL AIR ALATHER SFRVICE/FAC		ACNIH HOURS		196.0	136.	
CLOOME CLITALIFECT THE CLASSES AND A 18 ALBERT SERVICE CHACK	STATION NUMBERS TISCOL	- SEDON THINGS	•		- 5° - 5°	
CLOOME CE CLAFETAL AIR MEATH	5 14110	- H	•	- -		

1 2 5	TOTAL HOURS	MCNIH HOURS PERCENTAGE FACCUACY OF PELATIVE HUMIDITY	a.	PINCENTECE PACCUACY OF PELATIVE HUMIDITY CREATER THAN	F (4. C.).	CF PLL	ATIVE HUI	11011	CREATER T	•	MEAN	101/1
		103	Š	7)		£,C,\$	بر ن	7.03	4.2. 501 601 7.3. 801 901	•	HUMIDITY	1 3 20
- -	7-0-0	0 10 1			υ • •	3.00	5° * 8° 55	1. 27 0	61.	26.5	82.6	93(
-	23 - SE	1301	13.00	100	16.7 • .2	3 3 5	6.54	3.90	65.1	32.3	83.9	931
- 	a.	166.3		0.00	8.18	4 - 3 5	3 • 5	74	5 ° 6 7	28.1	78.1	93(
-	29-11	1,0.0	14 35 27	47.6	æ (• 1	12.3	08 • 6	40.7	30.1	15.5	5 • 99	928
	12-14	000	3.56	76.5	5.0	٥ (•	52.6	36.7	22.6	10.2	62.3	126
	15-17	1.0.	0 • 5 5 5 5	47.2		3 • 5 9	3.50	41.5	26.3	ية دي	64.	126
	51-91	1 1 1	17.000	***	1:35	96.1	17.2	56.9	36.6	16.4	73.6	576
	21-2	100.0	0 17 17	5.61	3. 16	91.6	6 3 5 7	ر. د د	5.33	23.5	8.08	526
	TOTALS	100.0	ن • • •		5.8.5	65.7	76.3	63.4	63.4 43.7	20.6	74.0	7432

SEVERE CLIMATOLOGY MIRROR AIR AFATHEN SERVICLIMAG USAFETAC

COVIDATIVE PERCENTAGE FULGUENCY OF GOCOPRENCE FOOM HOURLY COSERVATIONS

SELATIVE HUMICITY

.................. WEAN | 101AL 6. 9. 7175 NO. 061 9 168 3 5 æ 105 90.6 855 106 MONIMI MOURS | FLOCTAKE FELGRACY OF RELATIVE HUMIDITY FREATER THAN | MEAN | MEA 63.□ 3.58 0.50 51.4 9.42 83.9 66.5 73.2 78.4 PESTOD OF PECORD: MONTH: JUN ° € 30.5 \$6.2 23.7 12.2 13.2 13.9 33.5 6.61 • • • • • • • 55.3 43.7 6.39 21.2 74.4 36.4 4.99 56.1 26.4 5.50 4 1 . 1 54.1 37.4 58.80 9.00 61.6 1.00 53.7 63.7 50.4 16.5 1. 47 76.5 45.5 . .95 10.1 55.6 80.00 7 · 0 · 0 67.5 2006 5.56 15.4 2.59 73.7 # 0 5 A CTIS AGUE "A 6.56 7.015 Ε. • . 16. ... 7... 1.75 1...9 71. ** ** 100.00 1.5 1000 40.7 1 · 55 u • 6 f 9 **.** 6 8 1.1. CTAILOR GAME. 1.(.) • (, • ; J. ... 100.0 • 17... • 1 STATION RUMPLP: 725060 7.01 ٦٠٠٠) 100°C 0.001 1.3.2 100.7 100.1 , OP 1 3-6 11-57 1.2-14 -1-10 74-11 13-17 13-17 37-9 200

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CY OF OCCUPARISCE PELATIVE HUMIDITY

MOLETIAL PERCENTER PELLUANT OF RECURRENCE FROM HOURLY UNSERVATIONS OLOGAL CLIMATOLOGY GRANDS COAFETAG AIR ALBINER STRVICEZMAC

HOUNT | FLECTINIACE FRECUENCY OF PELATIVE HIMIDITY CHEATER THAN | MEAN | TOTAL | (LST) | | MEAN | TOTAL | MEAN | MEAN | MORE | MOR 936 95€ 931 935 931 93(926 931 17-86 80.6 83.3 96.4 6.99 62.5 64.3 85.5 74.2 PERIOU OF SECORDS MUNTH: JUL 19.4 41.9 28.1 7.7 \$ · 4.7 13.7 2002 54. 38.5 72.0 8.52 19.4 5.49 9.69 16.2 06.7 91.4 7.7 15.0 1.025 17.5 ر د ن 55.5 2.1.5 1 0 0 5 ند • س رن ج م u • [; 1.16 55.1 7.14 5.55 6.00 1.54 9 ° 0 8 11.3 5° - 3° - 5° 74.5 S • G 🖟 11 15 44 St 1.36 16. 10.0 : : * * 6.4.6 11. y. , y 7.7 ا بر عل د 1.56 .5. 7.4. $L_{\rm L}\subseteq \bullet^{\rm L}$ 100. 1.0.1 STATE LAND J . . 1 1000 ... ∷ 1.... J . . . 1 1000 STATION NUMBER: 7250ch 1.3.3 168.7 10.00 3.301 133.7 16.0.7 1,3.3 166.3 33-00 3-3-تا 19 11-60 15-17 27-16 MONINE HOURS 1--14 18-2" JUL

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FOR HOURLY O'SERVATIONS STAILOR GAMES CLIS ASSEMA AIM ALATHEN UNHAICE /MAC STATION SUMERS 175367 L.AFETAC

PELATIVE HUMIDLIY

PERIOD OF FECORD: MUNTH: AUG MONTH HOURS ! PERCENTAGE FACOLNOY OF RELATIVE HUMINITY GREATER THAN | 1 MEAN | 1 TOTAL | 2 08: . ¥ 831 831 827 826 6641 € 3€ 828 82 E HUMIDITY 69.3 87.2 71.8 9.99 78.5 78.9 88.1 94.4 85.6 39.1 45.4 13.E 7.1 7.1 52.7 16.861 20.02 81.5 25.4 8.64 73.4 53.2 6.8°C 29.1 5.86 66.3 52.P 39.3 45.5 6.21 12.6 4000 93. 4.56 5.55 3.16 63.1 74.5 86.E c 9 . t 5.06 . 84. 100.0 7:26 2.56 136.0 4.56 8 **3** • 7 88.E 6.16 3.56 2.55 160.0 IC. ... 10. **h**• . . 2.16 ر د د و د د 6.56 47.7 1,000 i () 5.05 10F. 100.C 1.0.0 1000 1.0.0 1,60 1-1.5 1000 <u>-</u> • • 18:0 • 1.11. 1.... 1.1.1 1,000 1,0.0 100.001 (· () 1,000 0.00 1000 1000 137. RONTHI HOURS ! TOTALS 11-60 12-14 21-13 こっしつし 1.3-0.3 7 , 5 15-17 13-51 106

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PELATIVE HUMIDITY

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PELAT	PEFIOD OF RECORD: 77-8
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, *	STAITOR.
SECONDECLIPATIONY SEASONS AND SEASONS AND ALCHARACTURE SEASONS AND	STATICA NUMBERS 25500 STATION STREET STIS AND MA

SUMELATIVE PERCENTAGE FELGUENCY OF GCCURPENCE. Flow Hourly observations

PELATIVE HUMIDITY

Control Colmatology Charles of Affile Affile Charles Charles and Affile Charles Colmatology

	TOTAL	200	837	837	83t	837	937	937	837	837	30 7 7
100		HUMIDITY!	7.06	83.9	6.61	68.9	64.5	67.7	76.1	78.7	7 7 112
MONTH: OCT	NAH	ig 6	24.5	24.1	20.0	13.8	2.5	7.6	14.7	20.4	16 5
	RFATLR	100 1118	54.4	57.1	53.6	26.2	19.5	24.6	6.04	46.4	, (,
•	IDIIY G	70%	76.3	77.4	15.8	45.2	34.6	6 · 2 h	67.3	74.4	4.1.7
	ITIVE HUM	202 202	3 • 26	J • # 6	92.1	66.4	2 • 9 9	65.7	ਜ਼ • ਜ਼ ਦ	5.966	76.0
	OF RLL		α 2. (1	3.06	40.00	86.7	15.9	63.C	5.45	7.76	0 .
•	PORCESTATE FACOURACY OF RELATIVE HUMIDITY GREATER THAN		J	5.06	100.0	9. 46	5.5 %	₽* 8 6	6.06	6.68	° 30
	CENTACE	*; } *)	1.0.0	1 · U · U	136.0	1 C C C	4.0.	4.56	105.0	ادد.	0
	1	ij	1	10.00	3.7.1		134.	1.:.1	1 c · · ·	ا به آ	
	J. H. C.	#37 #74	1.0.0	0.031	1.07.	1.251	1.0.1		(• E.D.	138.	5
•	MONTH HOUSE 1			- L 7 - 2 .	g :/ : : :	- 111-6,	1 - 7 -	15-13			1 5 17 10 1
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CHACLATIVE PERCENTACE FREGUINCY OF OCCUPATINGE FLOW HOURLY CASENDATIONS

ULIUAL CLIMATOLOGY STANCH

USAFETAC

GCCUPMENCE RELATIVE HUMIDITY

77-86

PEWIOD OF TECORD: MONTH: NOV STATION NUPTER: 7.506P STATION NAME: OTIS ANDF MA AIR MEATHER SERVICEZHAC

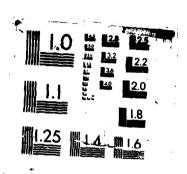
MONINI HOURS | FERCESTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | MEAN | TOTAL | TOTEL 822 823 321 822 816 825 8 J t 75.7 76.3 77.3 70.4 63.7 65.7 71.9 17.6 20.2 16.5 4.0 12.7 16.4 43.3 43.5 32.7 45.1 21.8 24.2 33.5 38.1 £ 0.3 h •••••••• 63.8 65.3 : •1 • € 6 ° 5 35.4 4.63 53.4 73.7 66.5 5.€ 52. 4 70.5 9 € C • 3 3 3 5.26 17.3 87.5 71.6 9099 80.8 1.65 6.56 104.0 7.15 5.00 6 • ∷ ∴ 3000 5° = 5 7. 15 100. 30.6 100.E 1.0.6 2.0% 7. . 4 # · a / 3.4. 1000 10.00 • J I 1.1.0.1 10.0 1000 130.3 133.0 1,00.0 100.0 1,0.0 1,000 1.0.0 100.0 11-6. 12-14 21-57 0-10 16-25 20-00 33-65 15-17 • • • • • • • • > 0 <

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45-A183 452 OIIS ANGB MASSACHUSETTS REVISED UNIFORM SUMMARY)F SURFACE HEATHER OBSERV. (U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A. 12 JUN F. 14/2 USAFSTAT DS-87 849

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MICROCOPY RESOLUTION TEST CHART

RELATIVE HUMIDITY 908 568 888 906 206 7195 085 89€ 468 906 77-86 PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 1Gz 2Gz 3Gz 4Gz 5Gz 7Gz 8Gz 9Gz HUMIDITY 70.0 61.0 70.9 62.1 8.99 69.2 67.2 PERIOD OF RECORD: MONTH: DEC 11.4 9.2 5.7 11.7 10.4 7.2 7.6 10.1 CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE 31.5 31.4 31.0 24.8 19.3 20.8 25.6 30.4 26.9 49.2 33.0 35.4 42.0 47.2 50.3 6.04 48.8 43.4 FROM HOURLY OBSERVATIONS 73.3 47.7 8 . 6 4 61.4 62.7 69.1 72.8 59.8 85.7 78.3 66.5 80.0 88.9 0.06 4.61 82.9 68.1 OT IS ANGE MA 95.8 7.16 98.3 0.46 6. 48 86.3 93.3 95.3 93.2 8.66 99.1 100.0 98.7 7.16 8.66 8.66 97.1 9.66 STATION NAME: 100.0 6.66 100.0 196.0 6.66 100.0 100.0 100.0 10C.0 GLOBAL CLIMATOLOGY BRANCH USAFETAC A IR WEATHER SERVICE / MAC STATION NUMBER: 725060 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 MONTH! HOURS HOURS (LST) 06-08 12-14 ITOTALS 00-05 03-05 09-11 15 - 1718-20 21-23 DEC

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USAFETAC AIR WEAT	HER	SERVICE/MAC				מסאר ז מפ	TRUE HOURLY OBSERVATIONS	<u>.</u>				
TATIC	N NUMBER	. 725060	STATION NAM	•• ••	OTIS ANGE	α Σ				PERIOD OF F MONTH: ALL	RECORD:	77-86
M CN TH	HOURS	•	:	TAGE	F RE QUENC	Y OF REL	• -	IDITY (SREATER	TIAN	MEAN	:_
	:	10%	20%		30% 40%	503	602	70%	802		90% HUMIDITY	NO 80 S
Z 4	ALL	100.0	6.56	ar - 80 5	9.69	72.1	53 5	35.4	-	# · W	62.9	7184
FE3		100.0	6.46	96.4	9. 8.8	72.2	54.6 54.6	36.2	21.9	80 °	62.8	6513
MAR		100.0	1.56	9.96	86.6	73.2	58.2	42.7	28.8	11.0	65.3	7221
APR		100.0	1.66	97.1	89.2	78.8	8 • 4 9	48.2	32.2	14.1	68.3	7191
¥ ¥		100.0	6.56	98.8	93.2	85.7	76.2	63.4	43.7	20.6	74.0	7432
אייי		100.0	100.0	8.66	4.96	87.5	76.5	61.9	43.7	19.9	74.6	7175
72		100.0	100.0	8.66	4.79	90.2	78.1	64.2	45.1	20.8	75.4	7434
9 N e		100.0	100.0	100.0	89.2	95.2	86.6	72.6	53.2	23.4	78.9	6641
SEP		100.0	100.9	6.66	98.5	93.6	82.8	67.1	8 • 8 •	18.7	76.8	5923
100		100.0	100.0	6.66	98.2	91.8	4.61	61.7	40.3	16.5	74.6	5699
) ON		100.0	100.0	3.66	4.96	87.8	73.1	53.7	35.3	15.1	71.9	5559
DEC		100.0	100,0	99.1	93.2	80.0	62.1	4 3 . 4	26.9	7.6	67.2	7195
	TOTALS !	100.3	6.66	8 8	0 7 0	ā	7.07	2	3 72	4		0717.3

PRESSURE SUMMARIES

STATION PRSSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

ULOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

PERIOD OF RECORD: 77-86

STATION NUMBER: 725060 STATION NAME: OTIS ANGB MA

HOURS LST	51415	Z 4	r n D	K K	r L	.		200	3 3	170	- -	2	1 1	2 2 4
	MEAN SD 101 085	9.79	9 2 2	9 8 8 8 8 8	29.811 263 300	29.823 192 310	29.805 186 300	29.833 161 310	29.88U 29.88U 31C	29.920 178 300	29.921 .254 310	29.916 282 300	29.875 .303 308	29.853 .254 3645
<u>3</u>	MEAN 1 SD 1	9.79	• 80 77 70	• \$ \$ \$ \$	29.800 .265 300	29.816 .193 310	29.799 189 300	29.830 .161 310	29.873	29.913 .181 300	29.919 .251 310	29.909	29.874 .306 306	29.848.255.3644
2 c	E A SD			9.82	o γ m	29.840 .195 310			29.896 .145 310	29.937 .186 300	• • •	29.925 .293 300	29.890 .312 307	25.869 .251 3648
	SD T	9.83	8 7 7	· M	29.826 267 300	29.842 196 310	29.621 .195 300	29.853 162 310	29.901 .146 310	29.944	29.950 .256 310	29.936 .301 300	29.918 .316 310	29.878 .260 3651
. <u> </u>	MEAN SD 1707 085	, , , , , , , , , , , , , , , , , , ,	29.8	9 7 7	29.801 .265 300	29.623 .197 310	29.804 196 300	29.837 .163 310	29.882 .149 309	29.916 .191 300	29.912 .259 310	29.892 302 300	29.870 .308 310	29.845.259.3649
16	MEA SD 101	9.77 9.34	. w v w	29.785 300 310	29.783 .263 300	29.807 .195 310	29.789 .192 300	29.820 .163 310	29.865 .147 310	29.900 188 300	29.902 258 310	29.895 .287 300	29.875 .299 316	29.835 .256 3652
•	MEA SD 101	• • ^	6 7 7	29.609 .297 310	29.801 .260 300	29.817 .190 310	29.798 .186 300	29.826 .159	29.873	29.915 .179 300	29.925 .258 310	29.918 .276 300	29.896 .296 308	29.852 .252 3650
. ~	re r		29.858 29.858 252	29.623 .301 310	29.816 .261 300	29.833 29.833 189	29.618 .184 300	79.843 159 310	29.890 143 310	29.928 .176 300	29.934 262 310	29.920 .273 300	29.893 .298 307	29.863 .252 3649
ALL HOURS	MEAN	29.797	29.850 29.850 254 2754	29.812 .337	29.858	29.825 .193	29.807	29.837	29.882	29.921	29.926	29.914	29.886 305	29.856

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GLUBAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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SEA LEVEL PRESSURE IN MBS FROM HOUPLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

ATIG	STATION NUMBER:	725060	STATION NAME:	r rame:	OT IS ANCE	4 E					מי אברטאט	0_10477 :0	0	
• œ 🛏	STATS	NAU	FEE	α • • •	A	. ¥	. Z	של	AUG	SE	00.1	NON.	CEC	
•	EAN SD	015. 1.68		• 🖸 🗇	13. 02. 15	.35	5.6	5.14 5.14		19. .86	20. .72	019. 9.19	019. 9.82	1016.7 8.571 1838
	MEAN SC TOT ORS!	1015.4 11.935 155	1016.3 9.772 141	10 14 · 6 10 · 5 79 155		1015.6 6.444	5.8	5.0	1016.6 4.947 155	5.9 1.0	1020.5 7.729 155	1018.9 9.407 150	.76	1016.5 8.627 1837
5	MEAN SD 010	1.9	• 🗆 🔈	1015.7 10.756 15.5	: ± 5. ¬	• M = 7	5 01	5.09 5.09 1.5	4 C 1 7	• 🖰 🞐	7.	9.8	9.8	1017-3 8-692 1837
<u>.</u>	EAR. SD	1001	1017 4 9 8 33 1 41	015	¥ 0	15.	5.9	5.15	3 3	02	7.9	019	9.8	71.7.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
57	• 60	14.8 53.2 155	9.6	15 16 6 2 15 5 15 5 15 5 15 5 15 5 15 5	1013 6 9 125 150	6.15	5.	5.	• 🗅 🕠 🦠	019 6.36 15	9	0.1	018 9.65 16	180
2	MEAN SO TOT OPS	• • • • •	1015.6 9.855	10 14 - 1 10 . 2 9 4 15 5	• • • •	1014-7 6-396 155	1013.7 5.725 150	• 🗆 🗸		• •	. 5 5 7		018 9.3	.5 18 18
6	E P	015. 1.50	9.9	• •	13. 108 15	15.		5.11 5.11	• • •	• 🗅 👽	. D &	9.0	919	9 4 8
7.7	M N N N N N N N N N N N N N N N N N N N	015. 1.57 15		15. 19. 15		15. 133	614. 5.36	5.06		5 88 5 15	• 17 • 11	019 8.89 15	• 0 6	17.
ALL HOURSIT	**************************************	1015.6 11.666 1240	1010 S	10.15.1 10.477 1240	10 13 8 9 .057 1250	1015.3 6.389 1240	1014.3 5.737 1200	1015.2 5.168 1241	1016.9 4.949 1240	1019.5 6.095 1230	1020.7 7.883 1240	1019.0 9.518 1200	1019.3 9.666 1327	1016.8 8.616 14696

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